Samsung Vibrant™

a GALAXY S™ phone

exclusively at T-Mobile®

PORTABLE QUAD-BAND MOBILE PHONE

User Manual
Please read this manual before operating your phone, and keep it for future reference.

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Section 1: Getting Started

This section explains how to get started with your phone by installing and charging the battery, installing the SIM card and optional memory card, and setting up your voice mail.

Before using your phone for the first time, you'll need to install and charge the battery and install the SIM card. The SIM card is loaded with your subscription details, such as your PIN, available optional services, and many other features. If desired, you can also install an SD card to store media for use with your phone.

Battery Cover

The battery, SIM card and SD card are installed under the battery cover.

Important!: Before removing or replacing the battery cover, make sure the phone is switched off: hold down the key until the power-off image displays, then press **Power off**.

Removing the cover:

- Hold the device firmly and locate the cover release latch, then place your fingernail in the opening and firmly lift the cover off the device.

SIM Card

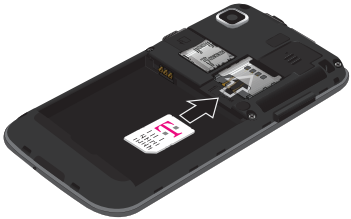
Important!: Before removing or replacing the SIM card, make sure the phone is switched off; hold down the key until the power-off image displays, then press Power off.

The SIM card is loaded with your subscription details such as your telephone number, PIN, available optional services, and many other features.

Important!: The SIM card and its information can be easily damaged by scratching or bending, so be careful when handling, inserting, or removing the card. Keep all SIM cards out of reach of small children.

Installing the SIM card:

1. Carefully slide the SIM card into the SIM card socket until the card clicks into place. Make sure that the card's gold contacts face into the phone and that the upper-left angled corner of the card is positioned as shown.



Install the SIM Card

2. To **remove the SIM card**, carefully slide the SIM card out of the SIM card socket.

Note: If the card is not inserted correctly, the phone will not detect it. If this happens, remove the card and reinstall the card in the correct orientation.

SD Card

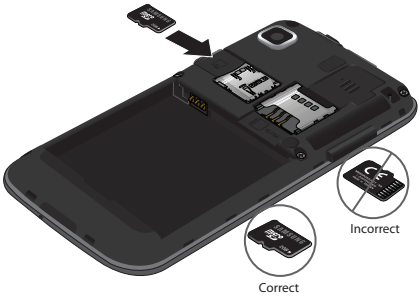
Your phone supports an optional (external) microSD™ or microSDHC™ memory card for storage of media such as music, pictures, video and other files. The SD card is designed for use with this mobile phone and other devices.

Note: This device supports up to a 16 Gigabyte memory card.

- **Install the memory card** by sliding it into the the slot until you hear a click sound.

  For more information on how to use the SD card see *"Using the SD Card"* on page 39.

Important!: Be sure to align the gold contact pins on the card with the phone's contacts.



Removing the Memory Card

1. Remove the phone's back cover.
2. Gently press the edge of the memory card with your thumbnail until you hear a click sound (releasing the card from the slot), then pull the memory card out of the slot.

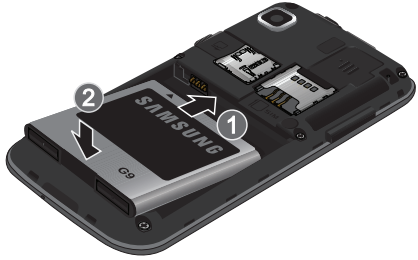
Battery

Before using your phone for the first time, install the battery and charge it fully.

Important!: Before removing or replacing the battery, make sure the phone is switched off; hold down the key until the power-off image displays, then press **Power off**.

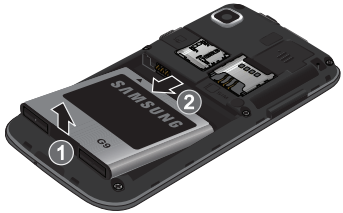
Installing the Battery

- Slide the battery into the compartment (1) so that the tabs on the end align with the slots at the bottom of the phone, and the gold contacts on the battery line up with those on the phone. Lightly press down on the battery (2) until it slips into place.



Removing the Battery

- Grip the battery at the top end (1) and lift it up and out (2).



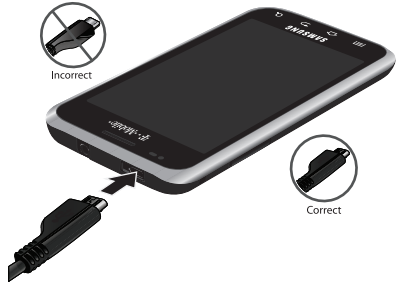
Charging the Battery

Your phone is powered by a rechargeable Li-ion battery. A wall charger, which is used for charging the battery, is included with your phone. Use only approved batteries and chargers. Ask your local Samsung dealer for further details.

Before using your phone for the first time, you must fully charge the battery. A discharged battery recharges fully in approximately 4 hours.

Note: Verify that the battery is installed prior to connecting the wall charger. If the battery is not installed and the wall charger is connected, the handset power cycles continuously preventing proper operation. Failure to unplug the wall charger before you remove the battery, can cause the phone to become damaged.

1. With the battery installed, plug the USB wall charger into the jack (as shown).



Note: This illustration displays both the **correct** and **incorrect** orientation for connecting the charger. If the charger is incorrectly connected, damage to the accessory port will occur therefore voiding the phone's warranty.

Your touch screen responds best to a light touch from the pad of your finger or a non-metallic stylus. Using excessive force or a metallic object when pressing on the touch screen may damage the tempered glass surface and void the warranty see *"Health and Safety Information"* on page 153.

2. Plug the charger's power plug into a standard AC wall outlet.
3. When charging is finished, first unplug the charger's power plug from the AC wall outlet, then disconnect the charger's connector from the phone.

Important!: If your handset has a touch screen display, please note that a touch screen responds best to a light touch from the pad of your finger or a non-metallic stylus. Using excessive force or a metallic object when pressing on the touch screen may damage the tempered glass surface and void the warranty. For more information, please refer to the "Standard Limited Warranty."

Low Battery Indicator

When the battery level is low and only a few minutes of talk time remain, a warning tone sounds and the "Low battery" message repeats at regular intervals on the display. In this condition, your phone conserves its remaining battery power, by dimming the backlight.

When the battery level becomes too low, the phone automatically turns off.

Power Control

Active applications, Wi-Fi, Bluetooth, GPS, Synchronization, or the LCD Brightness functionality all act to drain your battery.

The Power Control shortcut bar was designed to quickly activate (turn on), or deactivate (turn off) those functions or applications that use the most battery power.

The following is a list of helpful tips that can help conserve your battery power:

- Reduce your backlight time.
- Turn off Bluetooth, Wi-Fi and Synchronization when not in use.
- Deactivate the GPS when it is not needed. Most applications that use this
  function periodically query the GPS satellites for the current location; each query drains your battery.
- Turn off Automatic application synchronization.

- Close any applications that may be running in the background (such as Music Player).

To use the Power Control shortcut bar:

1. From the Home screen, touch and hold an empty area until the **Add to Home screen** menu displays.
2. Touch **Android Widgets → Power Control**. The Power Control shortcut is added to the second panel of the Home screen.

3. Touch one of the icons on the Power Control shortcut bar to activate the application. A green bar displayed beneath the icon means the application was activated (turned on).
4. Touch one of the icons a second time to deactivate the application. The green bar is removed from beneath the icon which means the application was deactivated (turned off).

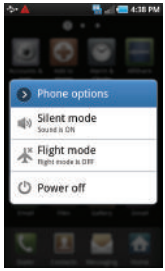
Switching the Phone On or Off

1. Press and hold the key until the phone switches on.

   The phone searches for your network and after finding it, you can make or receive calls.

Note: The display language is preset to English at the factory. To change the language, use the Language menu. For more information, refer to *"Language & Keyboard Settings"* on page 146.

2. Press and hold the key until the Power-off image displays when you wish to switch the phone off.



3. Touch **Power Off**.

Locking and Unlocking the Phone

By default, the phone locks when the backlight turns off.

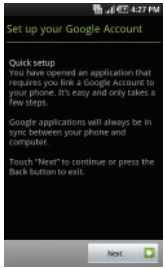
- Swipe the glass on the front of the screen to the right to unlock the phone.

Note: You can choose to configure lock settings to prevent unauthorized use of your phone. For more information, refer to *"Setting up SIM Card Lock"* on page 141.

Creating a New Google Account

You should create a Google™ Account when you first use your device in order to fully utilize the functionality.

When you start your phone for the first time, the following screen displays:


4:27 PM
Set up your Google Account
Quick setup
You have opened an application that requires you link a Google Account to your phone. It's easy and only takes a few steps.
Google applications will always be in sync between your phone and computer.
Touch "Next" to continue or press the Back button to exit.
Next

1. Touch the green android to begin.
2. Read the introduction and touch **Begin** to start the tutorial, otherwise touch **Skip**.

3. Follow the on-screen instructions to create a Google Account.

   – or –

   If this is not the first time you are starting the phone, touch ➔ **Google Mail**.

Note: If you already have a Google account, you only need to sign in.

Retrieving your Google Account Password

A Google account password is required for Google applications. If you misplace or forget your Google Account password, follow these instructions to retrieve it:

1. From your computer, use an Internet browser to navigate to http://google.com/accounts.
2. Once the URL loads, click on the **Can't access your account?** link.
3. From the **Please select your issue** section, select **I forgot my password**.
4. Select **Reset your password here**, then follow the password recovery procedure.

Voice Mail

Setting Up Your Voice Mail

Your device automatically transfers all unanswered calls to voicemail, even if your device is in use or turned off. As soon as your battery is charged and the SIM card inserted, activate your voicemail account.

Important!: Always use a password to protect against unauthorized access.

For new users, follow the instructions below to set up voice mail:

Note: Voicemail setup may be different depending on your network.

1. From the Home screen, touch and touch and hold the 1 key until the phone dials voice mail.

   You may be prompted to enter a password.
2. Follow the tutorial to create a password, a greeting, and a display name.

Accessing Your Voice Mail

You can access your Voice Mail by either pressing and holding the 1 ∞ key on the keypad, by using the phone's Application icon, then touching the Voice Mail application. To access Voice Mail using the menu:

1. From the Home screen, touch and touch and hold the 1 ∞ key until the phone dials voice mail.

Note: If Visual Voicemail is enabled it displays when you press the 1 ∞ key.

2. When connected, follow the voice prompts from the voice mail center.

Accessing Your Voice Mail From Another Phone

1. Dial your wireless phone number.
2. When you hear your voicemail greeting, press the asterisk key on the phone you are using.
3. Enter your passcode.

Visual Voicemail

Visual Voicemail enables users to view a list of people who left a voicemail message, and listen to the any message they want without being limited to chronological order.

1. From the Home screen, touch → **Visual Voicemail**
2. Touch **Yes** to activate Visual Voicemail if this is the first time it was accessed.

   A list of the voicemail messages displays.

Note: You must subscribe to Visual Voicemail service to use this feature. Charges may apply. Please contact your service provider for further details.

3. Touch a voicemail message to play it back.

Section 2: Understanding Your Phone

This section outlines key features of your phone. It also describes the phone's keys, screen and the icons that display when the phone is in use.

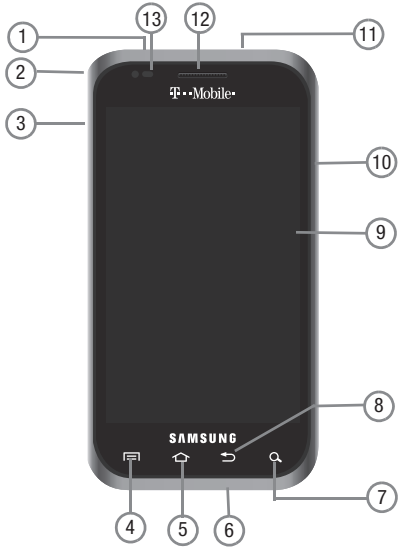
Features of Your Phone

Your phone is lightweight, easy-to-use and offers many significant features. The following list outlines a few of the features included in your phone.

- Touch screen with virtual QWERTY keyboard
- Solid Android platform
- Wi-Fi Capability
- Bluetooth enabled
- Full integration with Google applications (Gmail, YouTube, Google Maps)
- Multiple Messaging Options: Email, Audio Postcard, Instant Messaging, Picture Messaging, Google Talk, Google Search, Video Messaging, Text Messaging, Predictive Text
- Supports synchronizing with a corporate email account
- 5 Megapixel camera and video with autofocus, flash, multi shot 8x digital zoom
- Brilliant widescreen AMOLED display
- MP3 player with Multitasking features
- Assisted GPS (TeleNav GPS Navigation)
- Webkit-based browser (3G speed)
- Downloadable applications from the Android Market
- Up to 16GB expandable memory slot

Front View

The following illustrations show the main elements of your phone:



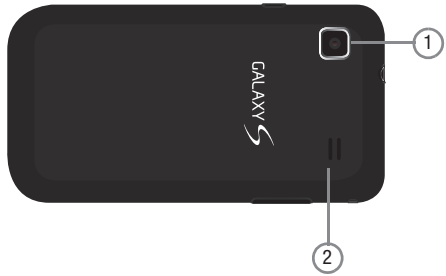
The following list correlates to the illustrations.

1. **USB Power/Accessory connector** allows you to connect a power cable or optional accessories such as a USB/data cable.
2. **Strap holder** is used to connect a carrying strap to the phone.
3. **Volume key** allows you to adjust the ringer volume in standby mode (with the phone open) or adjust the voice volume during a call. When receiving an incoming call, pressing the volume key mutes the ring tone.
4. **Menu key** displays a list of options available for the current screen. From the Home screen it displays Add, Wallpaper, Search, Notifications, Edit, and Settings options.
5. **Home key** displays the Home screen when pressed.
6. **Microphone** is used during phone calls and allows other callers to hear you clearly when you are speaking to them. It is also used to make voice note recordings.
7. **Quick search** is used to seach the device for applications, contact information, or searches the internet for information.

8. **Back key** redisplays the previous screen or clears entries.
9. **Display** shows all the information needed to operate your phone, such as the connection status, received signal strength, phone battery level, and time.
10. **Power/End key** ends a call or switches the phone off and on. Press and hold for seconds to turn off Silent or Airplane mode, or to turn the phone on or off.
11. **Headset jack** allows you to connect a hands-free headset so you can listen to music.
12. **Receiver** allows you to hear the other caller and the different ring tones or sounds offered by your phone.
13. **Proximity Sensor** detects how close an object is to the surface of the screen (when your face is against the phone during a call). Locks the keys to prevent accidental key presses.

Back View of Your Phone

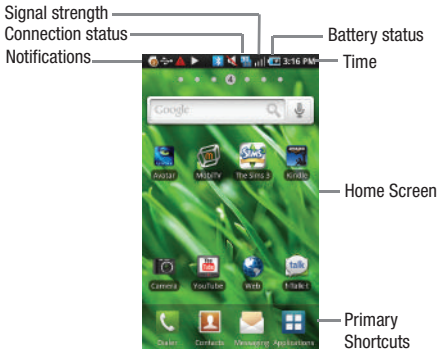
The following illustration shows the external elements of your phone:



1. **Camera lens** is used to take photos.
2. **External speaker** allows you to hear ringers, music, and other sounds offered by your phone.

Phone Display

Your phone's display provides information about the phone's status, and is the interface to the features of your phone. The display indicates your connection status, signal strength, battery status and time. Icons display at the top of the phone when an incoming call or message is received and also alerts you at a specified time when an alarm was set. The screen also displays notifications, and Application (or shortcut) bar with four icons: Phone, Contacts, Messaging, and Applications.



Display settings

In this menu, you can change various settings for the for the wallpaper, cube, brightness or backlight.

- From Idle mode, touch **Applications → Settings → Sound and display**. For more information, refer to *"Sound and Display"* on page 136.

Status Bar

The Status Bar shows information about the connection status, signal strength, phone battery level, and time, and displays notifications about incoming messages and calls and other actions.

This list identifies the icons you see on your phone's display screen:

Indicator Icons

This list identifies the symbols you'll see on your phone's display and Indicator area:

This list identifies the symbols you'll see on your phone's display and Indicator area:

Displays your current signal strength. The greater the number of bars, the stronger the signal.

Indicates that the Flight Mode is active. You cannot send or receive any calls or access online information.

Displays when there is no SIM card in the phone.

Displays when there is a system error or alert.

Displays when a call is in progress.

Displays when a call is on hold.

Displays when the speakerphone is on.

Displays when Call forwarding is set to Always forward. For more information, refer to *"Configuring Voice Calls"* on page 134.

Displays your battery charge level. Icon shown is fully charged.

Device Power Critical – Shows your current battery only has three percent power remaining and immediately shuts down.

Displays when connected to the EDGE network.

Displays when your phone is communicating with the EDGE network.

Displays when connected to the 3G network.

Displays when your phone is communicating with the 3G network.

Displays when the phone is connected to a computer using a supported USB cable connection.

Displays when there is a new voice mail message.

Displays in the notifications window when there is a new Email message.

Displays when an alarm is set .
For more information, refer to *"Setting an Alarm"* on page 126.

Displays when the Sound profile is set to Silent or when the volume key sets the phone to the lowest sound level.

Displays when Bluetooth is active.

Displays when a Bluetooth device is paired with the phone.

Displays when Wi-Fi is connected, active, and communicating with a Wireless Access Point (WAP).

Displays when Wi-Fi is active and there is a communication issue with the target Wireless Access Point (WAP).

Displays when GPS is searching for a signal.

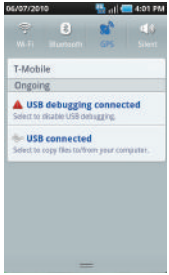
Displays when GPS is active.

For more details on configuring your phone's settings, see *"Changing Your Settings"* on page 128.

Notification Bar

The Notification Bar includes a pull-down list to show information about processes that are running, recent notifications, and more. To display the Status indicator:

- On the Home screen, touch the Notification Bar until the pull-down displays, then drag down vertically.



Clearing Notifications

To clear all notifications from the Notification panel:

1. From the Home screen, touch the Notification Bar until the pull-down displays, then drag down vertically.
2. Touch **Clear all**.

   The notifications are cleared from the panel.

Home Screen

The Home screen is the starting point for using the applications on your phone. There are seven available panels, each populated with default shortcuts or applications. You can customize each of these panels. As you transition from panel to panel, the panel counter (located at the top of the screen) displays the current panel number in a white circle.

Panel counter displays the currently active panel

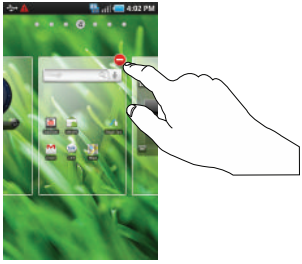
- Slide your finger horizontally to the left and right on the screen to view the panels.

Adding and Deleting Home Pages

Your phone comes with seven Home screens. You can delete Home screens and then add Home screens later if you want.

To delete a Home screen, follow these steps:

1. Touch to display the Home screen.
2. Touch → **Edit**.
3. Scroll to the Home screen you want to delete.
4. Touch to delete the screen.

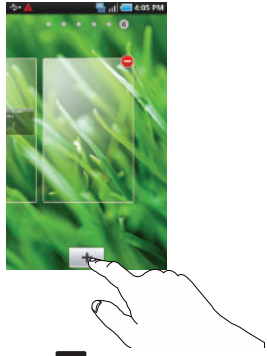


5. Touch → **Save**.
6. Touch to return to the main Home screen.

To add a Home screen, follow these steps:

1. Touch to display the Home screen.
2. Touch → **Edit**.
3. Scroll to the Home screen to the right of the location where you would like to add the new Home screen.
4. Touch to add a new blank Home screen.

   A new Home screen is inserted to the left.



5. Touch → **Save**.

6. Touch to return to the main Home screen.

Customizing the Home Screens

You can customize the Home screens (panels) to display the Samsung Widgets, Android Widgets, Shortcuts, Folders, or Wallpapers that you frequently use. For example, one Home screen could contain the Music Player application and other forms of media, while another workspace might contain communication applications such as Google mail and IM, another panel might contain Maps or other travel-related applications.

Primary Shortcuts

The Primary Shortcuts list provides access to four commonly used items:

Dialer for dialing a number.

Contacts for accessing and managing the contacts list (phonebook).

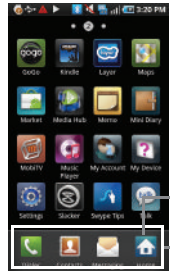
Messaging for composing text and multimedia messages.

Applications for applications access.

The four, primary shortcuts are non-movable application shortcuts that display on the bottom portion of all Home screens.

Some of the primary shortcuts are context-sensitive. For example, while viewing a Home screen, the primary shortcut item is available to provide access to Applications.

While viewing the Applications Menu, the Application shortcut changes to **Home**, which returns you to the Main screen.



You can replace the Dialer, Contacts, and Messaging application shortcuts with any application displayed in the Applications menu.

Adding and Removing Primary Shortcuts

The device comes with four Primary shortcuts: Dialer, Contacts, Messaging, Applications, and Home. You can replace the Dialer, Contacts, and Messaging shortcuts with other applications so you access the shortcuts that are most frequently used.

To replace an application:

1. Touch ➔ ➔ **View type**.
2. Touch **Customizable grid**.
3. Touch ➔ **Edit**.
4. Scroll through the list and locate the desired application.
5. Touch and hold the on-screen icon, then drag it over the primary shortcut to replace. The new primary shortcut displays at the bottom of the screen.
6. Touch ➔ **Save**.
7. Touch to return to the main Home screen.

Applications

The Application menu provides quick access to the most frequently used applications. Applications display on each of the three panels on the Applications screens.

The following table contains a description of each application. If the application is already described in another section of this user manual, then a cross reference to that particular section is provided.

For information on navigating through the Applications icons, see *"Navigating Through the Application Menus"* on page 36.

1. In the Home screen, touch , then touch one of the application icons.
2. Follow the on-screen instructions.
3. Touch to return to the Home screen.

▶ From the Home screen, touch then swipe left or right to view the available applications.

The following applications are available:

Accounts sync.

Using the Add Accounts sync application you can add applications and determine which type of account information you want to synchronize with your Contact list.

For more information, refer to *"Accounts & syncronization"* on page 145.

Add to Home

This shortcut allows you to add Samsung Widgets, Android Widgets, Shortcuts, Folders, or Wallpapers to the Home screen.

For more information about Add to Home, see *"Adding an application to the Home screen"* on page 31.

Alarm & Clocks

Here you can set an alarm, configure and view the World clock, use a stopwatch, or set a timer. The applications display in a tabular format and quickly accessed with the touch of a finger.

For more information refer to Alarms & Clocks on page 126, World clock on page 127, Stopwatch on page 127, or Setting a Timer on page 127 of this user guide.

AllShare

This application wirelessly syncronizes your Samsung mobile phone with your TV, streams content and even keeps tabs on who calls or sends text messages with real-time, on-screen monitoring. Samsung's AllShare makes staying connected easy.

For more information, refer to *"AllShare"* on page 95.

Amazon MP3

Amazon MP3 is a digital music store owned and operated by Amazon.com. Using Amazon MP3 you can download DRM-Free (digital rights management) MP3 formatted songs and albums.

For more information, refer to *"Amazon MP3"* on page 85.

Audio Postcard

In this menu you can select a frame, take a picture and then record a voice message up to one minute long and send it as an Audio Postcard.

For more information, refer to *"Sending an Audio Postcard"* on page 73.

Avatar

Avatar is preloaded on the SD card included with this device.

Just insert the card, tap the icon and enjoy.

For more information, refer to *"Avatar"* on page 85.

Calculator

Using this feature you can use the phone as a calculator. The calculator provides the basic arithmetic functions; addition, subtraction, multiplication, and division. You can also use this as a scientific calculator.

For more information, refer to *"Calculator"* on page 96.

Calendar

With the Calendar feature, you can:

- Consult the calendar by month, week, or day.
- Set schedules and note anniversaries.
- Create an event list.
- Write memos to keep track of your schedule.
- Set an alarm to act as a reminder, if necessary.
- Check your event memory status.

For more information, refer to *"Calendar"* on page 125.

Call Log

The Call log lists all the calls missed, received, or dialed.

For more information, refer to *"Call Log"* on page 50.

Camera

Use your 5.0 megapixel camera feature to produce photos in a JPEG format.

Note: An SD card must be inserted before the Camera will take and store photos.

For more information, refer to *"Using the Camera"* on page 77.

Contacts

The default storage location for saving phone numbers to your Contacts List is your phone's built-in memory.

For more information, refer to *"Contacts List"* on page 58.

Daily Briefing

With Daily Briefing you can monitor the weather, financial information, news, and your schedule from one convenient location.

For more information, refer to *"Daily Briefing"* on page 97.

Email

Email enables you to review and create email using most email services. The device alerts you when you receive an email message.

For more information, refer to *"Using Email"* on page 73.

Files

Organize and store data, images, and more in your own personal file folders. Files are stored to the memory card in separate (user defined) folders.

For more information, refer to *"Files"* on page 86.

Gallery

The Gallery is where you view photos and play back videos. For photos, you can also perform basic editing tasks, view a slideshow, set photos as wallpaper or caller image, and share as a picture message.

For more information, refer to *"The Gallery"* on page 86.

GoGo

Gogo, powered by Aircell, turns a commercial airplane into a Wi-Fi hotspot with true inflight Internet access. Passengers with Wi-Fi enabled devices, such as smartphones can surf the Web, check e-mail, instant message, access a corporate VPN and more.

For more information, refer to *"GoGo"* on page 99.

Google Mail

Google Mail (Gmail) is a web-based email service. Gmail is configured when you first set up your phone. Depending on your synchronization settings, Gmail can automatically synchronize with your Gmail account on the web.

For more information, refer to *"Using Google Mail"* on page 74.

Kindle

Using your 3G connection you can download books through the Kindle application with no annual contracts, monthly fees, and no hunting for hotspots.

For more information, refer to *"Kindle"* on page 99.

Layar

Layar works by using a combination of the mobile phone's camera, compass and GPS data to identify the user's location and field of view, retrieve data based on those geographical coordinates, and overlay that data over the camera view.

For more information, refer to *"Layar"* on page 100.

Maps

Google Maps allow you to track your current location, view real-time traffic issues, and view detailed destination directions. There is also a search tool included to help you locate places of interest or a specific address. You can view locations on a vector or aerial map, or you can view locations at the street level.

For more information, refer to *"Maps"* on page 100.

Market

Android Market provides access to downloadable applications and games to install on your phone. Android Market also allows you to provide feedback and comments about an application, or flag an application that might be incompatible with your phone.

For more information, refer to *"Downloading a New Application"* on page 109.

Media Hub

Samsung Media Hub is your one stop for the hottest movie and TV content. You can rent or purchase your favorite content and watch from the convenience of anywhere.

For more information, refer to *"Media Hub"* on page 87.

Memo

This feature allows you to create a memo.

For more information, refer to *"Memo"* on page 102.

Messaging

This application allows you to use the Short Message Service (SMS) to send and receive short text messages to and from other mobile phones.

You can also use the Multi Media Service (MMS) to create multimedia messages to send and receive from other mobile phones.

For more information, refer to *"Creating and Sending Messages"* on page 68.

Mini Diary

This application allows you to create a mini diary where you can add a photo, and text to describe an event or other memorable life event.

For more information, refer to *"Mini Diary"* on page 103.

MobiTV

MobiTV is a subscription service that allows you to watch your favorite TV shows on your handset.

For more information, refer to *"MobiTV"* on page 88.

Music Player

Music Player allows you to play music files that you have stored on your microSD card. You can also create playlists.

For more information, refer to *"Music Player"* on page 89.

My Account

This option provides you with account specific information such as your current status, current activity, Bill Summary, Plan Services, Voicemail Settings, Find a Retail Store, and FAQ's Info.

For more information, refer to *"My Account"* on page 104.

My Device

Use the My Device application to configure device settings, view Tips Tricks, personalize your CallerTunes, Ringtones, or Wallpapers, or view battery storage information.

For more information, refer to *"My Device"* on page 105.

Settings

This icon navigates to the sound and phone settings for your phone. It includes such settings as: display, security, memory, and any extra settings associated with your phone.

For more information, refer to *"Changing Your Settings"* on page 128.

Slacker

Slacker offers free, internet radio for mobile phones.

For more information, refer to *"Slacker"* on page 106.

Swype tips

Using the SwypeTips application you can watch a video or start a tutorial that teaches you how to use Swype most efficiently.

For more information, refer to *"Swype Text Entry Tips"* on page 53.

Talk

You can instant message with Google Talk. Google Talk allows you to communicate with other people who are also connected with Google Talk on the phone or on the web.

For more information, refer to *"Google Talk"* on page 76.

TeleNav GPS

TeleNav GPS Navigator is a driving aid that uses both audible and visual directions for GPS navigation.

For more information, refer to *"TeleNav GPS"* on page 106.

The Sims 3

Installs The SIMS™ 3 game, an exciting game where you create and customize the appearance and personality of your characters, then take them into an open-world environment.

For more information, refer to *"The Sims 3"* on page 107.

ThinkFree Office

ThinkFree Office Mobile for Android is a Microsoft Office compatible office suite. This application provides a central place for managing your documents online or offline.

For more information, refer to *"ThinkFree Office"* on page 107.

Video Player

The Video Player application plays video files stored on your microSD card.

For more information, refer to *"Using the Video Player"* on page 87.

Visual Voicemail

Visual Voicemail enables users to view a list of people who left a voicemail message, and listen to the any message they want without being limited to chronological order.

For more information, refer to *"Visual Voicemail"* on page 13.

Voice Dialer

Voice dialer is a voice recognition software used to activate a wide variety of functions on your phone.

For more information, refer to *"Using the Voice Dialer"* on page 44.

Voice Recorder

The Voice Recorder allows you to record an audio file up to one minute long and then immediately send it as a message.

For more information, refer to *"Voice Recorder"* on page 108.

Voice Search

The Voice Search feature is a voice-activated application that allows you to tell the phone what to search for and then the phone activates a Google search based on what you said.

For more information, refer to *"Voice Search"* on page 108.

Web

Open the browser to start surfing the web. The browser is fully optimized and comes with advanced functionality to enhance the Internet browsing feature on your phone.

For more information, refer to *"Web"* on page 112.

Write and Go

Use write and go to job down an idea, then decide what format you want to use: Text message (SMS)/Multimedia message (MMS), email, calendar, or memo.

For more information, refer to *"Write and Go"* on page 109.

YouTube

YouTube is a video sharing website on which users can upload and share videos, and view them in MPEG-4 format.

For more information, refer to *"YouTube"* on page 93.

Adding an application to the Home screen

1. From the Home screen, touch and hold on an empty area until the **Add to Home screen** menu displays.
2. Touch **Samsung Widgets**, **Android Widgets**, **Shortcuts**, **Folders**, **or Wallpapers**. For more information refere to each of these procedures.

Removing an application from the Home screen

1. From the Home screen, touch and hold the item you want to remove.
2. Drag the application toward the bottom of the screen and release it on top of the trash can symbol.
   The trashcan lable turns red and displays trash can icon.

Add to Home screen

Using the Add to Home feature you can add shortcuts such as Samsung Widgets, Android Widgets, Shortcuts, Folders, or Wallpapers.

Adding a Samsung Widget

1. From the Home screen, touch and hold an empty area until the **Add to Home screen** pop-up menu displays.
2. Touch one of the Samsung Widgets: AccuWeather Clock, Buddies now, Calendar Clock, Daily Briefing,Days Widget, Dual Clock, Feeds and Updates, and Y! Finance Clock.
   The Samsung widget displays on one of the Home screen panels.

Adding an Android Widget

1. From the Home screen, touch and hold an empty area until the **Add to Home screen** pop-up menu displays.

Important!: A Google account password is required for Google applications.

2. Touch one of the Android Widgets: Picture frame, Power Control, Search, Slacker Radio, or YouTube.

   The Android widget displays on one of the Home screen panels.

Adding a Shortcut

Using this feature you can add shortcuts such as applications, a bookmarked web page, a contact, a direct dial number, a direct message contact, the directions navigation application, a google Mail label, or settings shortcut.

1. From the Home screen, touch and hold an empty area until the **Add to Home Screen** pop-up menu displays.
2. Touch **Shortcuts**.
3. Select a shortcut to add to the Home screen: **Applications**, **Bookmark**, **Contact**, **Direct dial**, **Direct message**, **Directions Navigation**, **Google Mail label**, or **Settings**.
4. Touch the shortcut object.

   The selected object is added to the Home screen as a shortcut.

Adding a Folder

Folders hold items that you want to organize and store together on the workspace.

1. From the Home screen, touch and hold an empty area until the **Add to Home Screen** pop-up menu displays.
2. Touch **Folders** to add a New folder, All contacts, Contacts with phone numbers, Received list from Bluetooth, Recent documents, or Starred contacts to the workspace.

Renaming a folder

1. From the Home screen, touch the folder you want to rename to open the folder.
2. With the folder open, touch and hold the Folder title bar until the Rename folder pop-up displays.
3. Touch the Folder name field and enter a new title for this folder.

Deleting a folder

- From the Home screen, touch, drag, and drop the folder you want to delete onto the Application list.
  The Application list tab changes into a trash can symbol.

Changing the Wallpaper

1. From the Home screen, touch and hold an empty area until the **Add to Home Screen** menu displays.
2. Touch **Wallpapers**.
3. Touch **Gallery**, select a folder in which the wallpaper image resides, then touch an image and touch **Save**.
   – or –
   Touch **Live wallpapers**, touch a wallpaper image, then when the wallpaper displays, touch **Set wallpaper**.
   – or –
   Touch **Wallpaper gallery**, scroll through the images, touch a wallpaper image, then when the wallpaper displays, touch **Set wallpaper**.

Google Search Bar

The Google Search Bar provides you an on-screen Internet search engine powered by Google™.

1. From the main home screen, touch the Google Search bar

.
2. Use the on-screen keypad to enter the item in which to search.
3. Touch to see search results.

Feeds and Updates

This application allows you to synchronize feeds and updates from Facebook, MySpace, and Twitter display them on your phone.

1. From the Home screen, sweep the screen to panel 3. The Feeds and Updates screen displays.

Important!: To synchronize feeds and updates you must sign in to the social networks in which you want to synchronize.

2. Tap the **Tap here to add account** field.
3. Determine which type of account information you want to synchronize with your Contact list. Selections are: **Background data** (applications that sync, send, and receive data any time), or **Auto-sync** (applications automatically synchronize).
4. Touch **Add account.**
5. Touch an account type to add.
6. Sign in to your social network account.
7. Select a sync interval: **1 hour**, **3 hours**, **6 hours**, **12 hours**, or **Once a day**, then touch **Next**.
8. Touch a check box to determine which contacts to syncronize. Choices are: Select Contacts to sync, or Sync all contacts.
9. Touch **Sync Calendar** if you want the Calendar to synchronize you social networking events to your calendar.
10. Touch **Done**.
    The selected account type synchronizes with your Contacts list.

11. After synchornizing accounts you may want to link contact information. For more information, refer to *"Linking Contact Information"* on page 60.
12. The Feeds and Updates screen updates with the latest feeds and updates from your social networks.
13. Touch in the top right corner of the screen to automatically refresh your social networking feeds and content.
14. Touch to display the following settings:
    - **Auto Refresh**: this option allows you to set how often your social networks are updated. Choose None, Every 30 minutes, Every 1 hour, Every 4 hours, Every 8 hours, or Once a day.
    - **Service on/off**: this option allows you to turn the Feeds and Updates to your different social networks on or off. Touch the social networks to toggle the green arrows on and off. The green arrow indicates that the Feeds and Updates are on.

Menu Navigation

You can tailor the phone's range of functions to fit your needs using both menus and applications. Menus, sub-menus, and features are accessed by scrolling through the available on-screen menus. Your phone defaults with seven home screens.

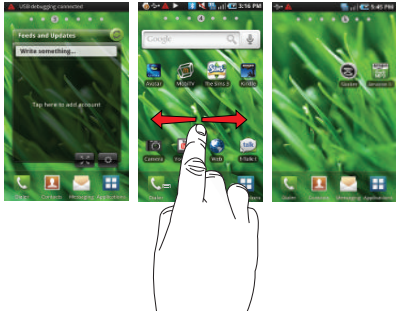
Home Screen Overview

The main home screen is the starting point for many applications and functions, and it allows you to add items like application icons, shortcuts, folders, or Google widgets to give you instant access to information and applications. This is the default page and accessible from any menu by touching .

Navigating Through the Home Screens

Your phone defaults with seven Home screens. You can customize and place different applications on each of the home screens.

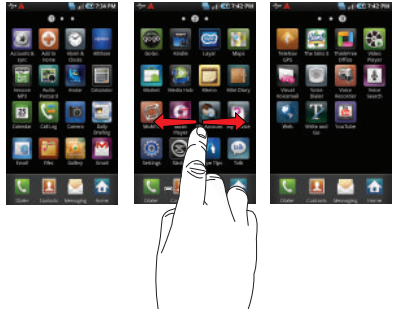
- From the main Home screen, sweep the screen left or right with your finger. The main Home Screen is located in the middle with three Home screens on either side.



Navigating Through the Application Menus

There are three Application Menus available. Follow these steps to navigate through the Application Menus:

1. At the Home screen, touch . The first Application Menu displays.
2. Sweep the screen to access the other two menus.
3. Touch one of the application icons.



Navigating Using Sub-Menus

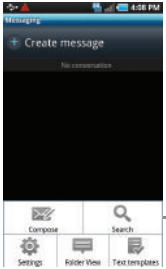
Sub-menus are available when you are at any Home screen or have selected a feature or application such as Phone, Contacts, Messaging, or Web.

To access a sub-menu:

1. Touch .

   A sub-menu displays at the bottom of the phone screen.

2. Touch an option.



Sub-Menu items

Accessing Recently-Used Applications

1. Touch and hold the key from any screen to open the recently-used applications window.
2. A pop-up displays the six most recently used applications.
3. Touch the application to open.

Navigation

Using the touch screen display and the keys, you can navigate the features of your phone and enter characters. The following conventions are used in this manual to describe the navigation action in the procedures.

Press or Press and Hold

Press phone keys and buttons to select or activate an item. For example: press the Navigation key to scroll through a menu.

Some buttons and keys require you to press and hold them to activate a feature, for example, you press the Lock key to lock and unlock the phone.

Touch or Touch and Hold

Use a brief touch to select items on the display or to enter text on the virtual QWERTY keyboard. For example: touch an Application icon to open the application.

Touch and hold an icon or key to open the available options, or to access a pop-up menu. For example: press and hold From the Home screen to access a menu of customization options.

Scrolling

Scroll refers to navigating through lists or menus. You can scroll by pressing the Navigation key up, down, left or right, or by sliding.

Swiping

Swiping means to quickly drag your finger vertically or horizontally on the screen to move the area of focus or to scroll through a list. For example: slide your finger left or right on the Home screen to scroll among the seven panels.

Rotating the screen

The screen can be rotated to change the orientation from portrait (default) to landscape. For example: rotate to landscape orientation when entering text, to provide a larger keyboard, or when viewing web content to minimize scrolling.

Section 3: Memory Card

Your device lets you use a microSD™ (SD) or microSDHC™ card (also referred to as a memory card) to expand available memory space. This secure digital card enables you to exchange images, music, and data between SD-compatible devices. This section addresses the features and options of your device's SD functionality. The device has a USB SD card mode.

Using the SD Card

There are several methods for using the SD card:

1. Connecting to your PC to store files (such as music, videos, or other types of files and media).
2. To activate the , video, music player, and other dependant media or applications.

Important!: The , Audio Postcard, Music Player, and Video functionality is all dependant on a mounted SD card. Your device can support SDHC cards up to 16GB capacity.

SD card Overview

After mounting an SD card in the device you can use your computer to access and manage the SD card.

Important!: If access to the external SD card is not available, download and install the USB drivers.

Mounting the SD Card

To store photos, music, videos, and other applications. You must mount (install) the SD card prior to use. Mounting the SD card establishes a USB connection with your computer.

Important!: You must enable USB storage to mount the SD card.

To mount the SD card:

1. Insert the SD card into the external, SD card slot (For more information, refer to *"SD Card"* on page 6.)
2. Press and hold the key to turn on the phone.

3. Connect the USB cable to the phone and connect the cable to the computer.
   As soon as the connection is established a drive letter is assigned to the flash storage and the "**USB connected**" message displays at the top of the phone.
4. From the Home screen, pull down the **Notification** window.
5. Touch **USB connected**.
   Both the phone and computer display icons to show that the device is mounted.
6. From the USB connected pop-up, touch **Mount** to mount the SD card and establish a computer connection.
   Mounting the SD card makes the data available. You can now drag and drop files and folders to the SD card.

Unmounting the SD card

Unmounting the SD card prevents corruption and damage to the SD card while removing it from the slot.

1. From the Home screen, touch → **Settings** → **SD card phone storage**.
2. Touch **Unmount SD card** or **Unmount phone storage**.
3. When the "**External SD card safe to remove**" message displays, open the phone and remove the SD card. For more information, refer to *"SD Card"* on page 6.

SD card Memory Status

To view the memory allocation for your external SD card:

1. From the Home screen, touch → **Settings** → **SD card and phone storage**.
   The available memory displays under the Total space and Available space headings.

Erasing Files from the SD card

You can erase files from the SD card using the phone.

1. Ensure the SD card is mounted. For more information, refer to *"Mounting the SD Card"* on page 39.
2. From the Home screen, touch → **Settings** → **SD card and phone storage** → **Unmount phone storage**, then select **Format phone storage**.
3. At the prompt, touch **Format SD card** to format the SD card.
   The SD card formats and erases all the data stored on it.

Factory Data Reset

From this menu you can reset your phone and sound settings to the factory default settings.

1. From Idle mode, touch → **Settings** → **Privacy**.
2. Touch **Factory data reset**.

   This action erases all data from your phone except current system software and bundled applications, or SD card files such as music or photos.
3. Touch **Reset phone**.

This section describes features and functionality associated with making or answering calls, and the Contacts list, which is used to store contact information.

Displaying Your Phone Number

- Touch → **Settings** → **About phone** → **Status**. Your phone number displays in the **Phone number** field.

Making a Call

You can store phone numbers that are regularly used to the SIM card or to the phone's memory. These entries are referred to as the **Contacts list**.

- From the Home screen, touch . Enter the number to dial then press Call.

To correct the number before dialing:

- Touch to clear the last digit. Touch and hold to clear the entire sequence.

Note: When you activate the **Auto redial** option in the Call settings menu, the phone automatically redials up to 10 times when the person does not answer the call or is already on the phone, provided your call is not sent to voice mail.

Ending a Call

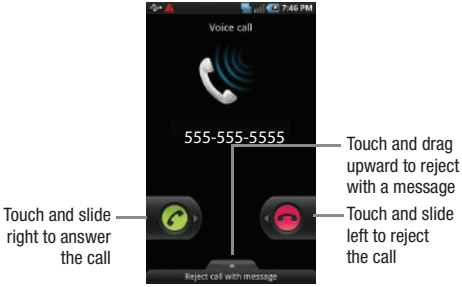
- Briefly press the End Call key to end the call.

Answering a Call

When somebody calls you, the phone rings and displays the incoming call image.

The caller's phone number, picture, or name if stored in Contacts List, displays.

1. At the incoming call screen:
   - Touch and slide to the right to answer the call.
   - Touch and slide to the left to reject the call.
   - Touch and drag the **Reject call with message** tab upward and touch a predefined rejection message.


7:46 PM
Voice call
555-555-5555
Touch and drag upward to reject with a message
Touch and slide right to answer the call
Touch and slide left to reject the call
Reject call with message

Prefix Dialing

When activated, this feature automatically prepends a string of numbers (such as an area code) to any dialed number. This feature is useful for international dialing, or dialing within an area code where all the calls you make for a period of time use one prefix.

1. From the Home screen, touch → **Settings** → **Call settings** → **All calls** → **Prefix dialing**.
2. Touch the **Enable prefix dialling** field. A check mark displayed next to the feature indicates Prefix dialling is active.
3. Touch **Prefix dialling list**. The list is empty until you add a prefix.
4. Touch → **Create**.
5. Enter a prefix number using the keypad and touch **Save**. The prefix displays in the Prefix dialling list.
6. Touch the **white circle** icon beside the prefix. A green icon indicates activation.
7. Each time you dial a number, the activated prefix is automatically added to the dialed number.
8. Touch another previx in the Prefix dialing list to change prefixes.
9. Touch → **Delete**. Then touch all of the prefixes to remove from the list and touch **Delete**.

Using the Voice Dialer

Voice dialer is a voice recognition software used to activate a wide variety of functions on your phone.

1. From the Home screen, touch ➔ **Voice Dialer**.
2. When the Voice Dialer displays the “Listening” prompt, say one of the following commands:
   - “Call John Doe”
   - “Call John Doe at home,...”
   - “Call vicennial”
   - “Dial (866) 555 0123”
   - “Dial 911, 811,...”
   - “Dial +44 7333 444 555”
   - “Redial”
   - “Open Calendar”
3. A menu prompts you to confirm your selection.

   If you said a name with more than one match in Contacts, or if you stored more than one number for the contact, you are prompted to select from multiple options.

International Calls

1. From the Home screen, touch , then touch and hold . The **+** symbol displays.
2. Use the on-screen keypad to enter the country code, area code, and phone number.
   - If you make a mistake, touch until the numbers are deleted.
3. Touch .

Pause Dialing

To manually call a number with pause(s) without storing it in your Contacts list:

1. From the Home screen, touch and use the on-screen keypad to enter the phone number.
2. Touch to display the dialer sub-menu.
3. Select **Add 2-sec pause** to add a two-second pause, and use the keypad to enter the additional numbers.

Tip: You can create pauses longer than two seconds by entering multiple 2-sec pauses.

4. Touch

.

Redialing the Last Number

The phone stores the numbers of the calls you've dialed, received, or missed if the caller is identified.

To recall any of these numbers:

1. From the Home screen, touch .
2. Touch **Call log** to display the **Call log**. All of the calls made display in this log.
3. Touch the number to redial.
4. Touch

.

Speed Dialing

Once you have stored phone numbers from your Contacts List, you can set up to 8 speed dial entries and then dial them easily whenever you want, simply by touching the associated numeric key.

Setting Up Speed Dial Entries

1. From the Home screen, touch .
2. Touch → **Speed dial**.
3. The **Speed dial** screen a virtual keypad with the numbers 1 through 9.

Important!: The number 1 is reserved for Voicemail and another number cannot be assigned to this slot.

4. Touch an unassigned number. The **Contacts** screen displays.
5. Touch a contact to assign to the number. The selected contact number displays in the speed dial number box.

Changing a Speed Dial Entry

1. From the Home screen, touch .
2. Touch → **Speed dial**.
3. The **Speed dial** screen a virtual keypad with the numbers 1 through 9.

Important!: The number 1 is reserved for Voicemail and another number cannot be assigned to this slot.

4. Touch → **Change order**.
5. Touch and hold an entry to change, then drag and drop it on another location (number).
6. Touch .

Removing a Speed Dial Entry

1. From the Home screen, touch .
2. Touch → **Speed dial**.
3. The **Speed dial** screen a virtual keypad with the numbers 1 through 9.

Important!: The number 1 is reserved for Voicemail and another number cannot be assigned to this slot.

---

4. Touch → **Remove**.
5. Touch the minus sign on the numeric entry to remove.

   The assinged speed dial entry is removed.
6. Touch .

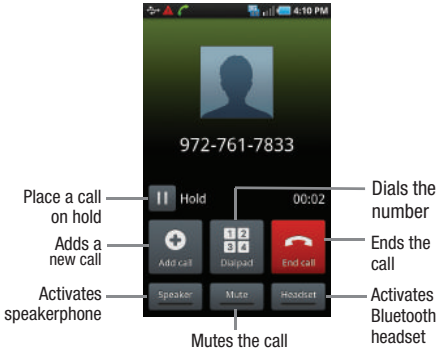
Making a Call Using Speed Dial

You can assign a short cut number to a phone number in the Contacts List for speed dialing.

1. From the Home screen, touch .
2. Touch and hold a speed dial location (numbers 2-9, or 1 if you are dialing voice mail) until the number begins to dial.
3. If you are not certain of the speed dial location, touch → → **Speed dial**. The assigned speed dial numbers display.

In Call Options

Your phone provides a number of features that are available for use during a call.



Adjusting the Call Volume

During a call, use the Volume keys on the left side of the phone, to adjust the earpiece volume.

1. Touch the **Up** volume key to increase the volume level and the **Down** volume key to decrease the level.

   – or –

   From the screen during a call, press the **Up** Volume key.

From the Home screen, you can also adjust the ring volume using these keys.

Placing a Call on Hold

You can place the current call on hold whenever you want. If your network supports this service, you can also make another call while a call is in progress.

To place a call on hold:

1. Touch **Hold** to place the current call on hold.
2. Touch **Resume** to activate the call that is on hold.

To make a new call while a call is in progress:

1. Enter the new phone number that you wish to dial or look it up in Call history.

2. Touch **Add call** to dial the second call.
3. Dial the new phone number and press

.

To switch between the two calls:

1. Touch **Swap**.
   The In call number turns gray and displays On hold. The active call displays a green background behind the number.

Turning the Speakerphone on and off

While on a call, you can use your Speakerphone by following these steps:

1. Touch the **Speaker**

to turn the speakerphone on.
2. Touch the **Speaker**

again to turn the speakerphone off.

Tip: When the speaker is turned **On**, the color of the speaker is teal. When the speaker is turned **Off**, the color of the speaker is gray.

Muting a Call

1. Touch the **Mute**

icon so the other caller cannot hear you speaking.
2. Touch the **Unmute**

icon to turn mute off and resume your conversation.

Switching to Bluetooth Headset

1. While on a call, switch to the Bluetooth headset instead of speaker by touching **Headset**.
2. At the prompt, touch **Yes** to enable Bluetooth if it is not already activated.

More In-call Options

During a call you can save the current caller's information to the Contacts list, or create a Memo.

Viewing the Contacts List

During a call you can look up a number in the Contacts list.

1. Touch → **Contacts**.
2. Browse the Contacts list for the information you need.
3. Press to return to the active call.

Creating a Memo During a Call

During a call it may be necessary to record information (a Note).

1. Touch → **Memo**.
2. Use the keyboard to enter the note then touch **Save**.

Automatic screen lock

If you configured your phone with the Automatic screen lock option, during a call your screen locks to prevent accidental screen presses. To temporarily unlock the screen press the lock key (on the right side of the phone).

Multi-Party calls

Making a Multi-Party Call

A multi-party call is a network service that allows up to six people to participate in a multi-party or conference call.

For further details about subscribing to this service, contact T-Mobile customer service.

Setting up a Multi-Party Call

1. Call the first participant.
2. Touch **Add call**, enter the second phone number and press

.
3. Touch **Join**.

   The two calls are now joined into a multi-party call and display in the order in which they were called.

Important!: A maximum of two callers can be joined to a single multi-party line. Additional callers participate in a new Multiparty session and held in conjunction with the previous multiparty call. You can swap or place each multi-party call on hold.

Having a Private Conversation With One Participant

When you have two participants in a multi-party session, you might be necessary to place one of those participants on hold so that a private conversation can be held with a single caller. While you are in a multi-party call:

1. Touch → **Manage Conference Call**, then touch the split arrow icon to the left of one of the participants to split from the call.

   The short list of call participants displays the callers in the order they were dialed.

2. Touch the number for the participant in which you want to speak privately.
   You can now talk privately to that person while the other participants can continue to converse with each other. If there is only one other participant, that person is placed on hold.
3. To return to the multi-party call, touch the **Join** icon. All of the multi-party call participants can now hear each other.

Dropping One Participant

1. Touch → **Manage Conference Call**.
2. Touch the **END** icon to the right of the number to drop. The participant is disconnected and you can continue the call with the other participant.
3. Press to end the multi-party call.

Call Waiting

You can answer an incoming call while you have a call in progress, if this service is supported by the network and you must have previously set the Call waiting option to **Activate**.

You are notified of an incoming call by a call waiting tone.

To answer a new call while you have a call in progress:

1. Touch and slide it to the right to answer another call.
2. Touch **Swap** to switch between the two calls. This places the current call on hold and activates the previous call. The active call displays with a green background.
3. Touch **Swap** again to switch back.

Call Log

Incoming, outgoing and missed calls are listed in the Call Log. You can also view Call time records or Reset all the call time records. If the caller's name and number is stored in your Contacts list, the info will display in the log.

▶ Touch and touch **Call log**.

The Call log lists all the calls missed, received, or dialed.

Viewing Missed Calls

When you are unable to answer a call for any reason, you can find out who is calling you, if this service is available, so that you can call the person back.

The number of calls you missed displays on the home screen immediately after a call is missed.

To view a missed call immediately:

- Touch the puzzle piece with the number of missed calls on it and move it to the area where the piece is missing.

  The Call Log displays.

Deleting a Call Record

Touching this allows you to delete the records in each Call Log separately, or you can delete all of your call records at one time.

1. Touch **Dialer** ➔ **Call log**.
2. Touch **Menu** ➔ **Delete**.
3. Touch each number to delete or touch the Select all check box, then touch **Delete**.

Note: If **Select all** is selected, the list does not redisplay.

This section outlines how to select the desired text input mode when entering characters into your phone. This section also describes how to use the Swype keyboard to ease the text entry method.

Text Input Methods

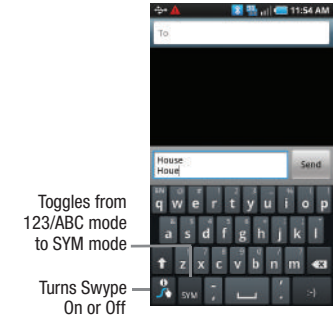
There are three text input methods available:

- **Swype** (default): Swype™ is a text input method that allows you to enter a word by sliding your finger or stylus from letter to letter, lifting your finger between words.
- **Samsung Keypad**: an on-screen QWERTY keypad that can be used in both portrait and landscape orientation. You can also configure the Samsung keypad to use the QWERTY Keypad, or a 3x4 Keypad (uses XT9 predictive text).
- **Android keyboard**: an on-screen QWERTY keyboard that can be used in both portrait and landscape orientation. Includes voice input capability.

The on-screen QWERTY keypad works the same in both portrait and landscape mode.

Using the Swype Keyboard

The default keyboard uses Swype™ which is a text input method that allows you to enter a word by sliding your finger or stylus from letter to letter, lifting your finger between words. SWYPE uses error correcting algorithms and a language model to predict the next word. SWYPE also includes a touch predictive text system.



Note: When in **123/ABC** mode, the **SYM** key displays. When in **SYM** mode, the **123/ABC** key displays.

Swype Text Entry Tips

You can access the SwypeTips application and watch a video or tutorial on using Swype. You can also use the following Swype text entry tips.

- Create a squiggle (like an S shape) to create a double letter (such as pp in apple).
- Touch and hold a key to view the punctuation menu then make a selection.
- Move your finger or stylus over the apostrophe to enter contractions.
- Double-touch on the word you want to change to correct a misspelled word, then touch the delete key to erase one character. Touch and hold the delete key to erase an entire word.

Enabling and Configuring SWYPE

If you configure another keyboard you must enable SWYPE again to use the SWYPE keyboard.

When SWYPE is enabled there is no normal keyboard functionality.

To enable SWYPE:

1. From the Home screen, touch → **Settings** → **Locale and text**.
2. Touch **Set default keyboard**, then touch **Swype**.

SWYPE Settings

To configure Swype settings:

1. From the Home screen, touch → **Settings** → **Locale and text** → **Swype**.
2. Touch one of the following Swype settings to activate the setting:
   - **Language**: allows you to select the current text input language. Default language is US English.
   - **Auto-spacing**: automatically inserts a space between words. When you finish a word, just lift your finger or stylus and start the next word.
   - **Auto-capitalization**: automatically capitalizes the first letter of a sentence.
   - **Word Prediction**: uses a built-in word database to predict words while entering text in Swype.
   - **Enable Tip Indicato**r: turns on an on-screen flashing indicator that provides helpful user information.
   - **Disable Audio Feedback**: turns off sounds generated by the Swype application.
   - **Vibrate on keypress**: activates a vibration sensation as you enter text using the keypad.

Operation settings

Operation settings provide access to Swype operation parameters.

- **Display Trace**: sets the length of time the word trace line remains on-screen as you swipe across the screen. Move the slider between Shorter or Longer and touch OK.
- **Word Choice Window**: sets the amount of times the word choice selection window displays on screen. Move the slider between Never or Always and touch OK.
- **Speed vs. Accuracy**: sets how quickly Swype responds to on-screen input. Move the slider between Fast Response (speed) or Error Tolerant (accuracy) and touch OK.
- **Auto -select word after**: sets the time period that must pass before the first word automatically inserts. Move the slider between 3 secs or 20 secs and touch OK.

Help

This menu provides help and a tutorial to guide you through the process.

Swype Help: displays Swype Help information.

Tutorial: provides an on-screen tutorial.

About

The about menu provides the current software version for the Swype application.

Using the Samsung Portrait Keypad or QWERTY Keyboard

The keyboard displays in three formats: Portrait QWERTY, Portrait (upright 3x4) is a keypad, and Landscape QWERTY keyboard. Depending on which format you are using, the keys are associated with different letters and/or characters. Refer to the following layouts to determine which keys are associated with letters, characters, or symbols.

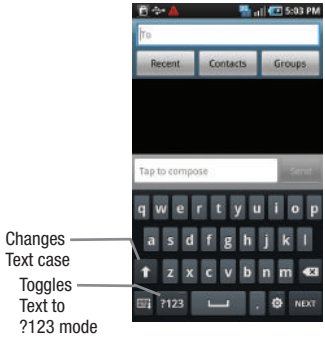
The Samsung Keyboard

This device has a built-in, QWERTY keypad (portrait mode) or keyboard (landscape mode). Using the QWERTY keypad/keyboard, you can type letter, numbers, punctuation, and other characters.

The default setting on the phone is Swype, however, you can modify the settings to use the Samsung keypad.

To use the Samsung keypad you must first configure the settings to default to the Samsung keypad.

1. From the Home screen, touch **→ Settings → Locale and text → Set default keyboard → Samsung keypad**.



2. The keyboard is configured to default to Samsung keypad and you can being typing.

The Samsung Portrait 3x4 Keypad

You can configure the Samsung keypad as a 3x4 keypad.

1. From the Home screen, touch → **Settings → Locale and text → Set default keyboard → Samsung keypad**.
2. From the displayed keypad, touch and select **3x4 Keypad**.

Note: Switch to Qwerty Keypad to activate XT9 Predictive text mode.

Using XT9 Predictive Text

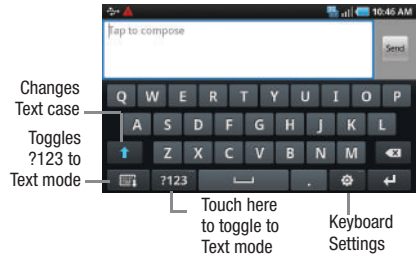
XT9 is a predictive text system that has next-letter prediction and regional error correction, which compensates for users pressing the wrong keys on 3x4 keyboards.

1. Holding the phone in Portrait orientation, touch at the bottom of the screen. The **Samsung keypad settings** screen displays.
2. Touch the text field, then tap the XT9 key. A green button displays when XT9 is active.
3. Touch the text entry field and begin typing a word. A list of word options displays as you type. Touch one of the words to replace the typed word and continue until you complete the message.

The Samsung Landscape QWERTY Keyboard

You can configure the Samsung keypad as a QWERTY keyboard.

1. From the Home screen, touch → **Settings** → **Locale and text** → **Set default keyboard** → **Samsung keypad**.
2. From the displayed keypad, touch and select **Qwerty Keypad**.


10:46 AM
Tap to compose
Send
Q W E R T Y U I O P
A S D F G H J K L
Z X C V B N M
?123
Changes Text case
Toggles ?123 to Text mode
Touch here to toggle to Text mode
Keyboard Settings

3. Touch and touch XT9 to use the XT9 Predictive text mode. A check mark indicates XT9 is active.

4. Touch the text entry field and begin typing a word. A list of word options displays as you type. Touch one of the words to replace the typed word and continue until you complete the message.

Using the Android Keyboard

The Android keyboard displays in two formats: Portrait and Landscape. These keyboards also include the Voice input feature which is an experimental feature using Google's networked speech recognition.

To activate/deactivate speech recognition:

1. From the Home screen, touch → **Settings** → **Locale and text** → **Set default keyboard** → **Android keyboard**.
2. Touch **Android keyboard**.
3. Tap the text field to compose a message.

4. Touch **Voice input**. A check mark indicates activation.
5. Touch **Voice input** twice to deactivate this feature.

Contacts List

This section explains how to use and manage your Contacts List. You can save phone numbers to your phone's memory.

Creating a Contact

The default storage location for saving phone numbers to your Contacts List is your phone's built-in memory.

Note: Before you can save a contact to the Phone, Contact settings must be set to **Save new contacts to Phone**.

Note: When storing an entry into your SIM card, note that only the Name, and Number are saved. To save additional information for a particular contact, such as notes, email, dates, etc., it is important to save that Contact into your phone's onboard memory.

1. From the Home screen, touch .
2. Touch **Create contact**.
3. At the prompt select Phone or SIM (depending on where you want to sve the new contact information).

If saving to the Phone:

1. Touch the **First name** field, enter a name for this contact using the displayed keypad.
2. Touch the **Last name** field, enter a name for this contact using the displayed keypad.
3. Touch the **Mobile number** field and enter a number using the displayed keypad.
4. Enter any other desired information, then touch **Save**.

If saving to the SIM:

1. Touch the **Name** field, enter a name for this contact using the displayed keypad.
2. Touch the **Phone number** field and enter a number using the displayed keypad then touch **Save**.

Note: For further details about how to enter characters, see *"Text Input Methods"* on page 52.

Finding a Contact

You can store phone numbers and their corresponding names onto either your SIM card or phone's built-in memory. They are physically separate but are used as a single entity, called Contacts.

Depending on the storage size of the particular SIM card, the maximum number of phone numbers the card can store may differ.

1. From the Home screen, touch .
2. Swipe up or down until you see the contact displayed.

   – or –

   Touch the letter of the contact name on the right, then scroll through the list.

   If any contacts are listed under that letter, the list of contacts associated with that letter displays. Touch the contact entry.
3. When you locate the entry, touch to dial the number.

Deleting Contacts

Important!: Once contact entries are deleted, they cannot be recovered.

This option allows you to delete your contacts. You can delete all your entries from your phone's memory, your SIM card, FDN, or All.

Important!: Once Contacts List entries are deleted, they cannot be recovered.

1. From the Home screen, touch .
2. Touch a contact name from the list and press → **Delete** → **OK**.

Editing Contact Information

1. From the Home screen, touch .
2. Touch a contact name from the list.
3. Press → **Edit**.
4. Edit the contact information then touch **Save**.

Linking Contact Information

Most people now maintain multiple email accounts, social networking logins, and other similar account information. For example, a Facebook account login name might differ from a corporate email account login because they are maintained separately and for different groups of people.

This device can synchronize with multiple accounts (such as Facebook, Twitter, MySpace, Corporate email, Google, or T-Mobile). When you synchronize your phone with those accounts, each account creates a separate contact entry in the Contacts list.

If one of your contacts (Amy Smith) has a regular email account that you maintain in Gmail, but also has a Facebook account under her maiden and married name, as well as a Yahoo! chat account, when you merge those accounts into your Contacts list you can link all of her entries and view the information in one record.

Linking contact information makes sending messages easy. You can select any account email address or information all from one screen, versus searching multiple, individual screens to locate the desired account information.

Next time you synchronize your phone with your accounts, any updates contacts make to email account names, email addresses, etc. automatically update in your contacts list.

For more information about synchronizing accounts, see *"Get Friends"* on page 62.

1. From the Home screen, touch .
2. Touch a contact name (the name you want to link to another entry). **Note**: typically this is the same contact with a different name or account information.
3. Press → **Link contact**.
4. Touch the second contact entry (the entry in which to link). The second contact is now linked with the first and the account information is merged into one screen.

Note: The information is still maintained in both entries, but displays in one record for easier viewing when you link the contacts.

5. Touch the linked contacts to view the contact information you linked. The contacts and information displays with an icon next to the contact name to indicate what type of account information is contained in the entry.

Unlinking a Contact

1. From the Home screen, touch .
2. Touch a contact name (the account name from which you want to unlink an entry). **Note**: typically this is the same contact with a different name or account information.
3. Touch **<number> linked contacts** from the Linked Contacts area.
4. Touch the minus sign next to entry in which you want to unlink. The contacts are “unlinked” and no longer display in the merged record screen.

Marking a Contact as Default

When you use applications such as the Voice Dialer or other messaging type applications, the application needs to know which information is primary (default) in a contact entry list. For example, when you say “Call John Smith”, if you have three phone records for John Smith, the Voice dialer is looking for the “default” number or entry.

The Mark as default option marks one entry in a contact record to use as the default. This comes in handy when you have multiple entries for the same person (**see Linked contacts**).

1. From the Home screen, touch .
2. Touch a Contact entry.
3. Press ➔ **Mark as default**. The Mark as default screen displays radio buttons next to the contact name, phone number, or other contact information.
4. Touch the radio button next to the entry information you want to be the primary information (such as name or phone number) and touch **Save**.

Sending a Namecard

A Namecard contains contact information, and can be sent to recipients as a Virtual Business Card (V-card) attachment using Bluetooth , Google Mail, or as a message.

1. From the Home screen, touch .
2. Touch a Contact entry.
3. Press ➔ **Send namecard via** and touch the messaging method. Selections are: **Bluetooth**, **Google Mail**, or **Messaging**.

   The Namecard attaches to the selected message type and sends when you send the message.

Copying Contact Information to the SIM Card

The default storage location for saving phone numbers to your Contacts list is your phone's built-in memory. This procedure allows you to copy numbers saved to the phone's memory, onto the SIM card.

1. From the Home screen, touch .
2. Touch a Contact entry.
3. Press → **Copy to SIM** and touch **OK**.
   All the information for this contact copies to the SIM card.

Display Options

The Display options menu allows you to allows you to choose whether to display contacts saved from the Phone, SIM, or both. You can also choose to display only contacts that have phone numbers.

1. From the Home screen, touch .
2. Press → **Display options**.
3. Touch Only contacts with phones if you want only contacts with phone numbers to display.
4. Choose from which location contacts will display. Choices are: **Phone**, or **SIM** (or check both) and touch **Done**.

Get Friends

When you synchronize applications such as Facebook, Twitter, MySpace, a corporate email account, Google, or T-Mobile, using the Get Friends option synchronizes the data from the selected account type with your Contacts list.

1. From the Home screen, touch .
2. Press → **Get friends**.
3. Touch **Add account**.
4. Determine which type of account information you want to synchronize with your Contact list. Selections are: **Background data** (applications that sync, send, and receive data any time), or **Auto-sync** (applications automatically synchronize).
5. Touch **Add account**.
6. Touch an account type to add.
7. Follow the prompts.
   The selected account type synchronizes with your Contacts list.

8. After synchornizing accounts you may want to link contact information. For more information, refer to *"Linking Contact Information"* on page 60.

My Profile

My Profile is automatically generated and can be updated to contain your contact information. You can send this Virtual Business Card (V-card) to other contacts as an attachement. My Profile is the first Contact listed in the Contacts list.

Note: As with any profile, your profile can be associated with a group.

1. From the Home screen, touch .
2. Press ➔ **My profile**. Your profile auto-generated name and number displays.

Editing My Profile:

1. With My profile displayed, press ➔ **Edit**. Your profile auto-generated name and number displays.
2. Modify any of the information contained in My Profile, then touch **Save**.

Speed Dialing

For more information, refer to *"Speed Dialing"* on page 45.

Contacts Options

Accounts

From the Accounts menu you decide if you want applications to synchronize, send, and receive data at any given time, or if you want the applications to synchronize automatically. After determining how you want the accounts to synchronize, indicate which account to synchronize with your Contacts list.

1. From the Home screen, touch .
2. Press ➔ **More** ➔ **Accounts**. Your profile auto-generated name and number displays.
3. Determine which type of account information you want to synchronize with your Contact list. Selections are: **Background data** (applications that sync, send, and receive data any time), or **Auto-sync** (applications automatically synchronize).
4. Touch **Add account**.
5. Touch an account type to add.
6. Follow the prompts.
   The selected account type synchronizes with your Contacts list.

Sending an Email

Note: Contacts must contain and email account and address before you can use the Send email feature.

1. From the Home screen, touch .
2. Press ➔ **More** ➔ **Send email**. Contacts that contain an email address display.
3. Touch the contact to which you want to send an email. A check mark displays next to the selection.
4. Touch **Add**.

Note: You must set up a Google Account to use this feature.

5. Compose the email and touch **Send**.

Export/Import

Using this option you can Import contacts from the SD card or export contacts to the SD card.

1. From the Home screen, touch .
2. Press ➔ **More** ➔ **Export/Import**.
3. Select **Import from SD card** or **Export to SD card**.
4. At the Prompt touch **OK** to confirm the Import/Export option.

SIM Management

The Sim Management option allows you to copy contacts from your phone to your SIM card or from your SIM card to your phone.

1. From the Home screen, touch .
2. Press ➔ **More** ➔ **SIM Management**.
3. Touch **Phone to SIM** or **SIM to Phone**.

Contact List Settings

From this menu you can determine the order of display names, display you device's number, and view service numbers listed in your Contact list.

1. From the Home screen, touch .
2. Press ➔ **More** ➔ **Settings**.
3. Select one of the following options:
   - **Order of display name**: displays names by First Name, Last Name or Last Name, First Name.
   - **Own Numbers**: displays the number for this device.

- **Service Numbers**: displays the list of Service Dialing Numbers (SDN) assigned by your service provider. These numbers include emergency numbers, customer service numbers and directory inquiries.

Sending Contact Information Using Bluetooth

This option allows you send selected contact entry information to a Bluetooth compatible device or printer.

1. From the Home screen, touch .
2. Press ➔ **More** ➔ **Send via bluetooth**.
3. Touch a contact name or number then touch **Send**.
4. Touch Scan devices to locate another device or printer.
5. Touch the device or printer name.

Moving Contacts

The Move Contacts option allows you to move all contacts from your SIM card to your Phone or from you Phone back onto the SIM card.

1. From the Home screen, touch .
2. Press ➔ **More** ➔ **SIM Management**.
3. Touch **Phone to SIM** or **SIM to Phone**.
4. Touch the **Select all** check box or touch the check box next to each contact you want to move and touch **Move to SIM** or **Move to phone**.

   The selected contact(s) is moved from Phone memory to SIM memory or from the SIM memory to the Phone memory.

Sending a namecard using Bluetooth

You must create a Contact prior to sending a namecard to a recipient. For more information, refer to *"Creating a Contact"* on page 58.

1. From the Home screen, touch .
2. Touch the Namecard to send. The namecard displays.
3. Press ➔ **Send namecard via** ➔ **Bluetooth**.

Important!: You must activate Bluetooth to use this feature.

4. Touch the Bluetooth device in which to send this name card.

   Bluetooth forwards the namecard to the recipient.

Groups

Creating a New Caller Group

1. From the Home screen, touch .
2. Touch the **Groups** tab.
3. Press → **Create group**.
4. Touch the **Group Name** field and use the on-screen keypad to enter a new group name then touch **Save**. For more information, refer to *"Text Input Methods"* on page 52.
5. Touch **Ringtone** to choose an audio file for assignment to this new group. Selections are: **Default ringtone**, **Sound**, or **Phone Ringtone**.
6. Touch **Save** to store the new Group category.

Adding an Entry to a Caller Group

1. From the Home screen, touch .
2. Touch the **Groups** tab.
3. Touch a group entry.
4. Touch **Add member**.
5. Touch all of the contacts you want to add to this group. A checkmark displays next to contact entry.
6. Touch **Add**.

   The selected contacts are added to the group.

Removing an Entry From a Caller Group

1. From the Home screen, touch .
2. Touch the **Groups** tab.
3. Touch a group entry.
4. Press → **Remove member**.
5. Touch all of the contacts you want to remove from this group. A checkmark displays next to contact entry.
6. Touch **Remove**.

   The contacts are removed from the group.

Editing a Caller Group

To edit a Group entry, there must be at least one member as part of the selected group.

1. From the Home screen, touch .
2. Touch the **Groups** tab.
3. Touch → **Edit group**.

4. Make modifications to the **Group Name** or **Ringtone** fields.

   For more information, refer to *"Creating a New Caller Group"* on page 66.

5. Touch **Save**.

The History Tab

The History tab displays the calls, messages, and emails that were sent to and received from your contacts.

1. From the Home screen, touch .

1. Touch the **History** tab.

   A call and message history for your contacts displays.

2. Touch . The following options are available:

   - **Delete**: allows you to delete calls or messages from History. Select a call or message and touch **Delete**.
   - **View by**: allows you to select the type of dispalyed calls, messages, or emails . Selections are: Call, Message, Email, Facebook, MySpace, Twitter, or Select all. Touch the items you want to display then touch **Done**.

The Updates Tab

From the Updates tab you can view updated contact information that were synchronized with facebook, myspace, or twitter.

1. From the Home screen, touch .

Note: You must log in to an SNS account (facebook, myspace or twitter) before you can view the Updates.

2. Touch the **Updates** tab.

   The updates display.

Section 7: Messages

This section describes how to send or receive different types of messages. It also explains the features and functionality associated with messaging.

Types of Messages

Your phone provides the following message types:

- Text Messages
- Multimedia (Picture, Video, and Audio) Messages
- Audio Postcards
- IM Messages
- Email and Gmail Messages
- Google Talk

Message Icons on the Status Bar

Icons are displayed on the Status Bar at the top of the display when new messages are received. For more information, refer to *"Status Bar"* on page 17.

Creating and Sending Messages

The Short Message Service (SMS) lets you send and receive text messages to and from other mobile phones or email addresses. To use this feature, you may need to subscribe to your service provider's message service.

The Multimedia Messaging Service (MMS) lets you send and receive multimedia messages (such as picture, video, and audio messages) to and from other mobile phones or email addresses. To use this feature, you may need to subscribe to your service provider's multimedia message service.

Important!: When creating a message, adding an image, a sound file, or a video clip to a text message changes the message from a text message to a multimedia message.

Messaging icons are displayed at the top of the screen and indicate when messages are received and their type. For more information, refer to *"Indicator Icons"* on page 17.

1. From the Home screen, touch **Messaging** → **Create message**.
2. Tap on the **To** field to manually enter a recipient or select one of the following:
   - **Recent**: to select a recipient from a list of recently sent messages.
   - **Contacts**: to select a recipient from your Contacts list (valid entries must have a wireless phone number or email address).
   - **Groups**: to select a recipient from the Group list.

3. If adding a recipient from Recent, Contacts, or Group, touch the contact to place a checkmark then touch **Add**.

   The contact displays in the recipient field.

Note: For the Group option, if the number of recipients is less than 10, all members in the group are added. Delete any unnecessary members in the list by selecting the trash can icon and deleting unwanted entries.

4. Touch the **Tap to compose** field and use the on-screen keypad to enter a message. For more information, refer to *"Text Input Methods"* on page 52.
5. Add more recipients by touching the Recipient field.
6. Review your message and touch **Send**.

Note: If you exit a message before you touch the message automatically saves as a draft.

Message Options

1. From the Home screen, touch **Messaging**.
2. Press to display additional messaging options:
   - **Add/Remove subject**: inserts or deletes a Subject field in your message.
   - **Add/Remove Cc/Bcc**: allows you to copy or blind copy other numbers. You may manually enter a number or choose from Recent, Contacts, or Group. You may also delete existing Cc/Bcc numbers.
   - **Attach**: allows you to attach the following:
     - **Slideshow**: allows you to create up to a 10 page slideshow to attach to the message.
     - **Pictures**: allows you to tap an existing image from your Pictures list to add it to your message.
     - **Videos**: allows you to choose an existing video from the Videos list, then select **Add**.
     - **Audio**: allows you to choose an existing audio file from the Audio list, then add it to your message by touching **Add**.
     - **Capture picture**: allows you to temporarily exit the message, take a photo with phone's , then add it to your message by touching **Save**.
     - **Capture video**: allows you to temporarily exit the message, record a video clip using the phone's , then add it to your message by touching **Save**.
     - **Record audio**: allows you to temporarily exit the message, record an audio clip using the phone's microphone, then add it to your message by touching → **Add**.
     - **Contacts**: allows you to tap on an existing Address Book entry to add their contact info to your message.
     - **Calendar**: allows you to tap on an existing Calendar event and add it to your message.

– **Memo**: allows you to tap on an existing Memo and add it to your message.

- **Add text**: allows you to attach your namecard to your message. For more information, refer to *"Attaching a Namecard to a Message"* on page 70.
- **Insert smiley**: displays a list of selectable Smiley icons to insert.
- **Discard**: allows you to delete the message without saving it to your Drafts folder.

Attaching a Namecard to a Message

To attach a Namecard containing the name and number of another contact, follow these steps:

1. From the Home screen, touch **Messaging** ➔ **Create message**.
2. Touch the text field and create a message.
3. Press ➔ **Add text**.
4. Touch **Contacts**.
5. Select a contact.
6. Touch the information you want to send. This places a checkmark next to the item(s).
7. Touch **Add**.

Viewing Newly Received Messages

1. When you receive a new message, the new message icon displays at the top of the screen.
2. Open the Notification Bar and select the message. For more information, refer to *"Notification Bar"* on page 19.

   – or –

   From the Home screen, touch **Messaging** then touch the new message to view.

   The selected message displays on the screen.
3. To play a multimedia message, touch ▶.
4. Touch ⏸ to pause playback of the multimedia message.
5. Touch the screen and in a single motion, scroll up or down the page to scroll through the message (if additional pages were added).

Message Threads

Sent and received text and picture messages are grouped into message threads. Threaded messages allow you to see all the messages exchanged (similar to a chat program) and displays a contact on the screen. Message threads are listed in the order in which they were received, with the latest message displayed at the top.

To open a threaded message:

1. From the Home screen, touch **Messaging**.
2. Touch and hold the message thread to display the following options:
   - **Add to Contacts**: adds the contacts from this threaded message to the Contacts list.
   - **View contact**: displays the Contacts information screen.
   - **Delete thread**: displays a confirmation dialog box that when pressed, deletes the entire thread.

Deleting Messages

Deleting a single message

1. From the Home screen, touch **Messaging**.
2. Touch and hold a message, then touch **Delete thread**.
3. At the prompt, touch **Yes** to delete or **No** to cancel.

Deleting multiple messages

1. From the Home screen, touch **Messaging** .
2. Press → **Delete Thread**.
3. Touch each message you want to delete. A checkmark displays beside each selected message.
4. Touch **Delete**.
5. At the prompt, touch **Yes** to delete or **No** to cancel.

Message Search

You can search through your messages by using the Message Search feature.

1. From the Home screen, touch **Messaging**.
2. Press → **Search**.
3. Use the on-screen keypad to enter a word or phrase in which to search, then touch .
4. All messages that contain the entered search string display.

Messaging Settings

To configure the settings for text messages, multimedia messages, Voice mails, and Push messages.

1. From the Home screen, touch **Messaging**.
2. Press ➔ **Settings**.

The following Messaging settings are available:

Storage settings

- **Delete old messages**: deletes old messages when the limit is reached, rather than overwriting them.
- **Text message limit**: allows you to set a limit on how many text messages are allowed in one conversation.
- **Multimedia message limit**: allows you to set a limit on how many multimedia messages are allowed in one conversation.

Text message (SMS) settings

- **Delivery reports**: when this option is activated, the network informs you whether or not your message was delivered.
- **Manage SIM card messages**: allows you to manage the messages stored on the SIM card.
- **Message centre**: allows you to enter the number of your message center where your messages reside while the system is attempting to deliver them.
- **Input mode**: allows you to set the input mode for your text messages. Choose GSM Alphabet, Unicode, or Automatic.
- **Reply path**: allows the recipient of your message to send you a reply message using your message center, if your network supports this service.

Multimedia message (MMS) settings

- **Delivery reports**: when this option is activated, the network informs you whether or not your message was delivered.
- **Read reports**: when this option is activated, your phone receives a request for a read reply along with your message to the recipient.
- **Auto-retrieve**: allows the message system to automatically retrieve messages.
- **Roaming auto-retrieve**: allows the message system to automatically retrieve while roaming.
- **Creation mode**: allows you to select the creation mode, Free, Restricted, or Warning.
  - **Restricted**: you can only create and submit messages with content belonging to the Core MM Content Domain.
  - **Warning**: the phone will warn you via pop up messages that you are creating a multimedia message which does not fit the Core MM Content Domain.
  - **Free**: you may add any content to the message.

Notification settings

- **Notifications**: allows you to see message notifications on your status bar.
- **Select ringtone**: allows you to set the ringtone for your message notifications.
- **Vibrate**: allows you to set your phone to vibrate when there is a message notification.

Folder View

This screen displays your messages in a tabular format. Inbox, Outbox, and Draft display on different tabs. the number of messages contained in each folder displays in a brackets.

1. From the Home screen, touch **Messaging**.
2. Press ➔ **Folder view**.
3. Touch one of the tabs to view the messages in that folder.

Sending an Audio Postcard

In this menu you can select a frame, take a picture and then record a voice message up to one minute long and send it as an Audio Postcard.

1. From the Home screen, touch **Applications** ➔ **Audio Postcard**.
2. Touch and slide the screen up or down and select a frame for this Audio postcard message.
3. Center the subject in the viewfinder and touch the **Camera** key.
4. Touch Record to record an audio message.
5. Touch **Send to** and select from one of the following options: **Contacts**, **New Phone Number**, **New E-mail Address**, **Recent Recipients**, or **Online Album**..
6. Touch **Send** to send the Audio Postcard.

Using Email

Email enables you to review and create email using AIM®, AOL®, Yahoo!® Mail, Comcast, Compuserve, Earthlink, Gmail, HotPOP, Juno, Mac, NetZero, SBC Yahoo!, Verizon and several other email services. You can also receive text message alerts when you receive an important email.

Signing in to Email

1. From the Home screen, touch **Applications** ➔ **Email**.

   Your accounts screen displays with an Email setup screen displayed.
2. Enter you email address in the **Email address** field.
3. Enter your password in the **Password** field, press **Done** then press **Next**.

4. Touch **Next** at the **Your accounts** screen.
5. At the promp name the account and enter a screen name to identify yourself on this account. If you have already setup this account, skip to step 6.
6. Messages for this account display on the Inbox tab. You can also view Personal information for this account, Receipts (if you setup the account to return receipts), Travel information, and more (if available).

Important!: Only some "Plus" accounts include POP access allowing this program to connect. If you are not able to sign in with your correct email address and password, you may not have a paid "Plus" account. Launch the Web browser to access your account.

Synchronizing a Corporate Email Account

Use the following procedure to configure your phone to synchronize with a corporate email account.

1. From the Home screen, touch **Email**.

   Your accounts screen displays the Inbox tab.
2. Press ➔ **Accounts**.
3. Press ➔ **Add account**.
4. Enter the corporate email address in the **Email address** field.
5. Enter the password in the **password** field.
6. Touch **Exchange account**.
7. Enter the Exchange server information and touch **Next**.

Important!: Only some "Plus" accounts include POP access allowing this program to connect. If you are not able to sign in with your correct email address and password, you may not have a paid "Plus" account. Launch the Web browser to access your account.

8. At the Certificate prompt touch **Yes**.
9. Enter your Account name.

   Wait for the Inbox to synchronize before use.
10. Press ➔ **Advanced Settings** to change the synchronization timing, frequency, and other options.

Using Google Mail

Google Mail (Gmail) is Google's web-based email. When you first setup the phone, Gmail is configured. Depending on the synchronization settings, Gmail is automatically synchronized with your Gmail account.

Signing into Google Mail

1. From the Home screen, touch **Applications** → **Google Mail**.

Note: You must sign in to your Gmail account in order to access Google Mail.

2. Sign in if you have a Google account, or touch **Create an account** and touch **OK**.
   The Inbox loads conversations and email.

Refreshing Google Mail

- Press → **Refresh** to send and receive new emails and synchronize your email with the Gmail account.

Composing a Gmail Message

1. From the Gmail Inbox, press → **Compose**.
2. Enter the recipients Email address in the **To** field.

Tip: Separate multiple recipient email addresses with a comma.

3. Press and select **Add Cc/Bcc** to add a carbon or blind copy.
4. Enter the subject of this message in the **Subject** field.
5. Touch the **Compose Mail** field and begin composing your message.
6. Touch **Send**.

Viewing an Gmail Message

1. From the Gmail Inbox, touch a message to view.

   The following options are available:

   - **Archive**: archives the selected Email.
   - **Delete**: deletes the Email.
   - **Older**: displays older Emails.

2. Press to select one of the following additional options:

   - **Newer**: displays newer emails.
   - **Add/Remove star**: click a message's star to add or remove the star (just like clicking flags in Outlook).
   - **Mark unread**: unread messages or threads with unread messages display in boldface text in the Inbox.
   - **Change labels**:changes the label on the email or conversation.
   - **Back to Inbox**: returns you to the Google Mail Inbox.
   - **More**:
     - **Mute**: mutes the conversation.
     - **Report spam**: reports the Email message as spam.

Google Talk

Google Talk is a free Windows and web-based application for instant messaging offered by Google. Conversation logs are automatically saved to a Chats area in your Gmail account. This allows you to search a chat log and store them in your Gmail accounts.

1. From the Home screen, touch **Applications** → **Talk**.
2. Press **Next** to set up a Google account or to Sign in.
3. Touch **Create** to create a new Google account.

   – or –

   Touch **Sign in** if you have an existing Google account.
4. After entering your user name and password, press the **Down** Navigation key.
5. Touch **Sign in**.
6. Begin using Google Talk.

Note: The Network confirms your login and processes. This could take up to 5 minutes to complete.

Section 8: Multimedia

This section explains how to use the multimedia features of your phone, including the Camera/Camcorder, Music Player, and how to manage your photos, images and sounds.

This section explains how to use the camera on your phone. You can take photographs and shoot video by using the built-in camera functionality. Your 5 megapixel camera produces photos in JPEG format.

Important!: Do not take photos of people without their permission. Do not take photos in places where cameras are not allowed. Do not take photos in places where you may interfere with another person's privacy.

Using the Camera

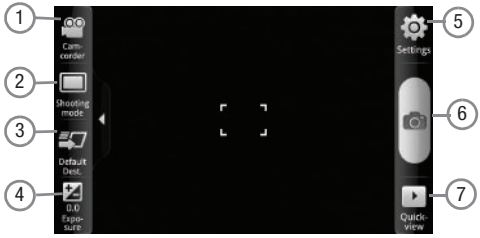
Taking Photos

Taking pictures with your device's built-in camera is as simple as choosing a subject, pointing the camera, then pressing the camera key.

Note: When taking a photo in direct sunlight or in bright conditions, shadows may appear on the photo.

1. From the Home screen, touch the **Camera** application to activate camera mode.
2. Using the phone's main display screen as a viewfinder, adjust the image by aiming the camera at the subject.
3. Before you take a picture, use the **Up** and **Down** Volume keys to zoom in or out. You can magnify the picture up to x4 (400 percent).
4. If desired, before taking the photo, touch the left tab to display the on-screen icons to access various camera options and settings.
5. You can also touch the screen to move the focus to the area you touch.
6. Press the **Camera** key until the shutter sounds. (The picture is automatically stored within your designated storage location. If no microSD is installed, all pictures are stored on the Phone.) For more information, refer to *"Camera and Camcorder Options"* on page 78.

Note: The number of JPEG pictures remaining on the selected media appears in the upper-right of the screen. This is an approximate number of total pictures that can be taken at the current image size.



Camera and Camcorder Options

You can change options using your keypad in capture mode. The following short cuts are available:

Note: The options disappear after a few seconds. Touch the screen to display the tab, then touch the tab to view these options.

1. **Camera / Camcorder Mode**: allows you to take a photo in various modes. Once you change the mode, the corresponding indicator appears at the top left of the display. Choose from Camera or Camcorder.
2. **Shooting mode**: allows you to set the following options:
   - **Single shot**: takes a single photo and view it before returning to the shooting mode.
   - **Smile shot**: the camera focuses on the face of your subject. Once the camera detects the person's smile, it takes the picture.
   - **Panaroma**: takes a landscape photo by taking an initial photo and then adding additional images to itself. The guide box lets you view the area where the second part of the panoramic picture should fall within.
   - **Beauty**: adjusts the contrast to smooth facial features.
   - **Continuous**: takes a succession of consecutive photos by pressing and holding the Camera key.
   - **Vintage**: gives your photo a vintage look (hazy around the edges). Touch the icon in the lower left corner of the display screen to choose a Normal, Warm, Cool, or Mono effect.
   - **Add me**: combines people with existing background. Touch the screen to pick which side of the screen to focus on. Press the camera key. Focus on a background and press the camera key a second time.
   - **Cartoon**: gives your photo a cartoon look.
   - **Action shot**: detects action and creates a panorama of the moving object.
3. **Default Dest.**: sets the default destination for sending or saving pictures. Selections are: **Recent recipient**, **Phone Book**, **Online Album**, **New Email**, or **New Number**.

4. **Exposure**: sets the total amount of light allowed to fall on the subject through the lens sensor while taking a picture.Touch and drag the slider to the left to decrease the value, or to the right to increase the value.
5. **Settings**: displays two types of settings, Camera (first tab) and General settings (second tab).

Camera settings:

- **Outdoor visibility**: enhances LCD visibility outdoors.
- **Focus mode**: sets the focus mode to: Auto focus, Macro (close up photos), or Face detection (recognizes there is a face in the shot and optimizes exposure for it).
- **Scene mode**: takes a photo in various modes such as:
  - **None**: does not add a frame.
  - **Landscape**: takes a landscape, distant scenery shot with auto focus.
  - **Sports**: takes a shot of fast-moving object such as sports scenes.
  - **Portrait**: takes a single, portrait picture of a person.
  - **Night**: used for night shots. Keep the camera still when taking this shot.
  - **Party/Indoor**: takes indoor scenes.
  - **Beach/Snow**: used for bright scenery such as a beach or snowscape.
  - **Dawn**: used for daybreak scenes. Uses daylight white balance, and a slow shutter speed.
  - **Firework**: used to catch flames. Uses a slow shutter speed. Keep the camera still when taking this shot.
  - **Sunset**: used for a sunset scene. Uses Daylight white balance.
  - **Fall colour**: used for trees and autumn leaves. Emphasizes red and green colors.
  - **Text**: used to take shots of text or a document. Emphasizes sharpness and contrast.
  - **Candlelight**: used to take scenes under candlelight.
  - **Backlight**: used to take scenes against light. Uses spot exposure metering.
- **Timer**: allows you to set a time delay before the camera takes the photo. Select the length of delay you want and touch the Off, 2 Seconds, 5 Seconds, and 10 Seconds. When you press the Camera key, the camera takes the photo after the specified time elapses.
- **Resolution**: sets the photo resolution to: 2560x1920, 2560x1536, 2048x1536, 2048x1232, 1600x122, 1600x960, 640x480, or 800x480.
- **White balance**: allows you to set this option from the following choices: Auto, Cloudy, Fluorescent, Daylight, or Incandescent.
- **Effects**: allows you to change the color tone or apply special effects to the photo. Options include: Normal, Black and White, Negative, or Sepia.
- **ISO**: allows you to adjust the ISO sensitivity of the camera imaging sensor. Selections are: ISO Auto, ISO 100, ISO 200, ISO 400, or ISO 800 speed.

- **Metering**: allows you to set how the camera measures or meters the light source: Centre weighted, Spot, or Matrix.
- **Anti-Shake**: allows you to touch On to activate Anti-Shake, or Off to deactivate it.
- **Auto contrast**: automatically sets the contrast.
- **Blink detection**: camera detects the user's blinks and adjusts to capture the subject perfectly.
- **Image quality**: allows you to set the image quality to: Superfine, Fine, or Normal.
- **Adjust**: allows you to adjust the Contrast, Saturation and Sharpness for this photo.

General settings:

- **Guidelines**: displays alignment or framing guidelines to perfectly set up each shot.
- **Review**: displays the photo for review. Selections are: Off, 2 sec, or On.
- **GPS**: allows you to activate (turn On) or deactivate (turn Off) the GPS tracking feature.
- **Shutter sound**: allows you to select a tone to play when the camera's shutter opens and closes. Sound selections are Off, Sound3, Sound2, or Sound1.
- **Storage**: determines whether photos are saved to the Phone or Memory card.
- **Reset**: resets the camera settings to the default settings.

6. **Camera button**: takes a photo when pressed in Camera mode.
7. **Quick view**: displays the photo for quick viewing.

Camcorder Options

You can change options using your keypad in capture mode. The following short cuts are available:

1. **Camcorder / Camera Mode**: allows you to record a video various modes. Once you change the mode, the corresponding indicator appears at the top left of the display. Choose from Camcorder or Camera.
2. **Recording mode**: Normal or Limit for MMS.

3. **Default Dest.**: ets the default destination for sending or saving videos. Selections are: Recent recipient, Phone Book, Online Album, New Email, or New Number.
4. **Exposure**: sets the total amount of light allowed to fall on the subject through the lens sensor while recording a video. Touch and drag the slider to the left to decrease the value, or to the right to increase the value.
5. **Settings**: displays two types of settings, Camcorder (first tab) and General settings (second tab).

Camcorder settings:

- **Outdoor visibility**: enhances LCD visibility outdoors.
- **Timer**: allows you to set a time delay before the camcorder records the video. Select the length of delay you want and touch the Off, 2 Seconds, 5 Seconds, and 10 Seconds. When you press the Camera key, the camcorder records the video after the specified time elapses.
- **Resolution**: sets the video resolution to: 1280x720, 720x480, 640x480, 320x240, or 176x144.
- **White balance**: allows you to set this option from the following choices: Auto, Cloudy, Fluorescent, Daylight, or Incandescent.
- **Effects**: allows you to change the color tone or apply special effects to the photo. Options include: Normal, Black and White, Negative, or Sepia.
- **Video quality**: allows you to set the video quality to: Superfine, Fine, or Normal.
- **Adjust**: allows you to adjust the Contrast, Saturation and Sharpness for this video.

General settings:

- **Guidelines**: displays alignment or framing guidelines to perfectly set up each recording.
- **Audio recording**: activates audio recording feature so you can record audio while recording the video.
- **Review**: set to **On** to review the recorded video.
- **Storage**: determines whether videos are saved to the Phone or Memory card.
- **Reset**: resets the camcorder settings to the default settings.

6. **Camera button**: records a video when pressed in Camcorder mode.
7. **Quick view**: displays the video for quick viewing.

Pictures and Videos Image Viewer Options

After you take a photo or record a video, you can access various options.

Photo options

- **Share**: allows you to share a picture using AllShare, Audio Postcard, Bluetooth, Google Mail, Messaging, or Picasa.
- **Set as**: sets the photo as a Contact icon, or Wallpaper.

- **More**:
  - **Send to My Album Online**: sends this photo to My Album Online.
  - **Set Default Destination**: sets the default photo location to: Recent log, Phonebook, Online album, Email address, or Phone number.
  - **Delete**: deletes this photo.

Video options

- **Share**: allows you to share a video using AllShare, Bluetooth, Google Mail, Messaging, or YouTube.
- **Play**: plays the current video.
- **More**:
  - **Send to My Album Online**: sends this video to My Album Online.
  - **Set Default Destination**: sets the default photo location to: Recent log, Phonebook, Online album, Email address, or Phone number.
  - **Delete**: deletes this video.

Accessing Pictures

When you take a picture, the file is saved in the Photo folder. You can view your pictures immediately or view them anytime in the Photo folder.

1. From the Home screen, touch → **Files** → **DCIM** → **Photos**.
2. Touch a photo file to open it in the Image viewer.

Touch and drag a picture to the left to see the next picture or to the right to see the previous picture.

Before you select a picture, touch in the Photos folder to see the following options:

- **Share**: lets you share selected pictures with Picasa, Audio Postcard, AllShare, Messaging, Google Mail, Bluetooth, or YouTube.
- **Create folder**: create a new sub-folder in the current folder.
- **Delete**: allows you to delete selected pictures. Touch the checkmark, to turn it green, next to any file or folder you want to delete, then touch Delete.
- **View by**: allows you to view the contents of the current folder as a list, as a list and details, or as thumbnails.
- **List by**: allows you to view the contents of the current folder sorted by Time, Type, Name, or Size.
- **More**: provides you with the additional options: Move, Copy, Rename, Bluetooth visibility, and Settings.
  - **Move**: allows you to move one or more pictures to a different folder.
  - **Copy**: allows you to copy one or more pictures to a different folder.
  - **Rename**: allows you to rename one or more picture files.
  - **Bluetooth visibility**: allows you to make one or more pictures visible to Bluetooth devices.
  - **Settings**: lets you set several general folder options:
    - **Show hidden files**: causes files and folders that would normally be hidden to be displayed.
    - **Show file extension**: causes file extensions to be displayed. For example, jpg.

- **Set home directory**: allows you to choose and set the Home directory.

Selecting and Using the Pictures

From the Image viewer, you have access to both macro functions (zoom, crop, and rotate) and menu options. For more information, refer to *"Pictures and Videos Image Viewer Options"* on page 81.

Editing a Photo

1. From the Home screen, touch → **Files** → **DCIM** → **Photo** → **<image>**.
2. Touch **Menu** → **More** to access the following editing options:
   - **Send to My Album Online**:sends this photo to My Album Online.
   - **Set Default Destination**:sets the default photo location to: **Recent log**, **Phonebook**, **Online album**, **Email address**, or **Phone number**.
   - **Details**:displays details about the selected photo such as: Title, Type, Date taken, Album, Latitude, Longitude, Size, and Resolution.
   - **Set as**: sets the picture as Wallpaper, or a Contact icon.
   - **Crop**: allows you to crop the image. Touch and drag the sides of the crop box to create the crop area, then touch **Save**. Touch **Discard** to stop without cropping the picture.
   - **Add to Slideshow**: adds the selected photo to a custom slideshow.
   - **Rotate right**: allows you to rotate the picture clockwise 90 degrees.

Assigning an Image as a Contact Icon

1. From the Home screen, touch → **Files** → **DCIM** → **Photos** → **<image>**.
2. Touch **Menu** → **More** → **Set as** → **Contact icon**. Touch a contact entry and touch **Save**.

   – or –

   Touch **Menu** → **More** → **Set as** → **Contact icon** → **Create contact** to create a new Address Book entry with the image already assigned.

Assigning an Image as a Wallpaper

1. From the Home screen, touch → **Files** → **DCIM** → **Photo** → **<image>**.
2. Touch **Menu** → **More** → **Set as** → **Wallpaper**.
3. Touch and drag the crop box anywhere on the picture. Touch and drag the sides of the crop box to zoom in or out to create a cropped area.

4. Touch **Save** to assign the wallpaper image. Touch **Discard** to stop without updating the wallpaper image.

Using the Camcorder

In addition to taking photos, the camera also doubles as a camcorder that also allows you to record, view, and send videos.

Note: To ensure the Camcorder can record the video, use an SDHC memory card.

Shooting Video

Tip: When shooting video in direct sunlight or in bright conditions, it is recommended that you provide your subject with sufficient light by having the light source behind you.

1. From the Home screen, touch ➔ **Camera** to activate the camcorder mode.
2. Touch **Camcorder**.
3. Using the phone's main display screen as a viewfinder, adjust the image by aiming the camcorder at the subject.
4. Press the Video key ( ) to begin shooting video.
5. Touch to pause the recording or touch to stop the recording and save the video file to your Photo folder.
6. Once the file is saved, touch **Play** to play your video for review.
7. Press to return to the viewer.

Camcorder Options

Camcorder options are represented by icons across both sides of the screen.

For more information, refer to *"Camera and Camcorder Options"* on page 78.

Accessing Videos

When you shoot a video, the file is saved in the Camera folder. You can view your videos immediately or view them anytime in the Camera folder.

1. From the Home screen, touch ➔ **Files** ➔ **DCIM** ➔ **Videos**.
2. Touch a video file to open it in the viewer and initiate playback.
3. To pause the video, touch . To play the video, touch .

Before you select a video to play, touch in the Camera folder to see the following options:

- **Share**: lets you share the selected videos with Picasa, Audio Postcard, AllShare, Messaging, Google Mail, Bluetooth, or YouTube.
- **Create folder**: create a new sub-folder in the current folder.
- **Delete**: allows you to delete selected videos. Touch the checkmark, to turn it green, next to any file or folder you want to delete, then touch Delete.
- **View by**: allows you to view the contents of the current folder as a list, as a list and details, or as thumbnails.
- **List by**: allows you to view the contents of the current folder sorted by Time, Type, Name, or Size.
- **More**: provides you with the additional options: Move, Copy, Rename, Bluetooth visibility, and Settings.
  - **Move**: allows you to move one or more videos to a different folder.
  - **Copy**: allows you to copy one or more videos to a different folder.
  - **Rename**: allows you to rename one or more video files.
  - **Bluetooth visibility**: allows you to make one or more videos visible to Bluetooth devices.
  - **Settings**: lets you set several general folder options:
    - **Show hidden files**: causes files and folders that would normally be hidden to be displayed.
    - **Show file extension**: causes file extensions to be displayed. For example, 3gp.
    - **Set home directory**: allows you to choose and set the Home directory.

Amazon MP3

Amazon MP3 is a digital music store owned and operated by Amazon.com. Using Amazon MP3 you can download DRM-Free (digital rights management) MP3 formatted songs and albums.

1. From the Home screen, touch → **Amazon MP3**.
2. Touch one of the categories to begin browsing the music files.
3. Follow the on-screen instructions to download music.

Note: A data plan is required to use this feature. Charges may apply. Please contact your service provider for further details.

Avatar

The movie Avatar comes preloaded on the memory card included with this device.

1. Insert the preloaded memory card into the SD slot. For more information, refer to *"SD Card"* on page 6.
2. From the Home screen, tap the **Avatar** icon and enjoy the show!

Files

Files allows you to manage your sounds, images, videos, bluetooth files, Android files, and other memory card data in one convenient location.

▶ From the Home screen, touch ➔ **Files**.

The following folders display:

DCIM

DCIM is the default location for pictures taken by the device. These files are actually stored in the .thumbnails folder within the DCIM location.

1. From the Home screen, touch ➔ **Files**.
2. Touch **DCIM** ➔ **Photos** to view the picture files.
3. Touch a picture file to launch the viewer.
4. Touch one of the following options:
   - **Slideshow**: displays photos as a slideshow.
   - **Menu**: displays photo options.
     - **Share**: shares the photo with other media such as: Picasa, Audio Postcard, AllShare, Messaging, Google Mail, or to another Bluetooth device.
     - **Delete**: deletes the selected photo.
     - **More**: displays these options: Send to My Album Online, Set default destination, Details, Set as, Crop, Add to Slideshow, and Rotate right.

Note: For more information, refer to *"Using the Camera"* on page 77.

Bluetooth

The Bluetooth folder stores files sent via Bluetooth device.

Android

The Android folder stores Android specific files.

sd

This folder stores other types of files other than photo, video, or received Bluetooth or Android files.

The Gallery

The Gallery is where you view photos and play back videos. For photos, you can also perform basic editing tasks, view a slideshow, set photos as wallpaper or caller image, and share as a picture message.

Note: If the phone displays a memory full message when accessing the Gallery, access **My Files** and remove some of the media files from the folders, and then open the Gallery.

Opening the Gallery

▶ From the Home screen, touch ➔ **Gallery**.

Note: If you stored your files in folders (directories) on the storage card, Gallery displays these folders as separate albums. The top left album contains all the pictures in the storage card.

Viewing a Photo from the Gallery

1. From the Home screen, touch ➔ **Gallery**.
2. Touch a photo displayed in the Gallery to view the photo.
3. The following options are available:
   - **Slideshow**: displays photos as a slideshow.
   - **Menu**: displays photo options.
     - **Share**: shares the photo with other media such as: Picasa, Audio Postcard, AllShare, Messaging, Google Mail, or to another Bluetooth device.
     - **Delete**: deletes the selected photo.
     - **More**: displays these options: Send to My Album Online, Set default destination, Details, Set as, Crop, Add to Slideshow, and Rotate right.

Installing and Playing The Sims 3 Game

The SIMS™ 3 is an exciting game where you create and customize the appearance and personality of your characters, then take them into an open-world environment.

1. From the Home screen, touch ➔ **The Sims 3**.
2. This application is currently not working. Parse error.

Using the Video Player

The Video Player application plays video files stored on the SD card.

1. From the Home screen, touch ➔ **Video Player**.
   A list of videos sorted on the SD card displays in the Video list.
2. Touch a video file to begin viewing.

Media Hub

Samsung Media Hub is your one stop for the hottest movie and TV content. With hundreds of titles available at your fingertips, entertaining your family on the go was never easier. You can rent or purchase your favorite content and watch from any location the convenience of anywhere. Featuring the stunning viewing quality Samsung is known for, Samsung Media Hub is your gateway to mobile video like you've never experienced it before.

Note: Media Hub usage is based on service availability.

Using Media Hub

3. Touch → **Media Hub**.
4. At the Samsung Media Hub main page, touch **UPDATE**.
5. Read the End-User License Agreement (EULA) and touch **Accept** to continue or **Decline** to exit.

   The Media Hub screen displays.
6. In order to rent or buy media, you must first create an account. Use the keypad to enter the required information, then touch **CREATE ACCOUNT**.
7. At the Media Hub screen, the following options appear:
   - **New in store**: shows recently added media that you can rent or purchase.
   - **My Media**: allows you to view all of the media that you have purchased or rented. Touch a media entry to view it.
   - **Movie Store**: displays movies that are available for rent or purchase. Scroll through the movie categories at the top of the screen. Touch a category and movies of that type display.
   - **TV Store**: displays TV shows that are available for purchase. Scroll through the movie categories at the top of the screen. Touch a category and TV shows of that type display.
8. Scroll through the media listings and tap on an item you would like to purchase or rent.
9. Information concerning the media displays. Touch **WATCH PREVIEW** to watch a short preview or touch **Rent** or **Own**.
10. Choose a payment method and then follow the on-screen instructions.
11. The media will now be stored in the My Media folder.

MobiTV

MobiTV is a subscription service that allows you to watch your favorite TV shows on your handset.

1. Touch → **MobiTV**.

   The MobiTV main page displays.

Note: A data plan is required to use this feature. Charges may apply. Please contact your service provider for further details.

2. Touch one of the Live Channels, Live TV, On Demand, My media, or Browse and begin viewing.

Music Player

The Music Player allows you to play music files stored on the phone.

Important!: You must create and organize your playlist before you get started. The following characters cannot be used in the filename: < > " ? / \ : * |

When you first view the application, the Music library screen displays the following tabs:

- All
- Playlists
- Albums
- Artists

From the initial screen you can either access all the music tracks, created playlists, albums, or a list of artists just by touching a tab. You can also configure your settings for the music player from this screen.

Music Player Settings

The Music Player Settings menu allows you to set preferences for the music player such as whether you want the music to play in the background, sound effects, and how the music menu displays.

1. From the Home screen, touch ➔ **Music Player**.
2. Press ➔ **Settings**.
3. Select one of the following settings:
   - **Equalizer**: set a type of equalization. Selections are: Auto, Normal, Pop, Rock, Jazz, Dance, Classic, Live, or Custom.
   - **Effect**: configure the music effects. Selections are: Normal, Wide, Concert hall, Music clarity, Bass enhancement, or Externalization.
   - **Music menu**: this menu allows you to select which categories you want to display. Choices are: Albums, Artists, Genres, Composers, Years, Most played, Recently played, or Recently added. Touch each item that you want to display in the Music menu.
   - **Visualization**: when activated the music player displays an animated display.

Music Player Shortcut Keys

▶ From the Home screen, touch ➔ **Music Player**.

When the Music player launches, use the following list as a guide in order to access the Music player functions:

Pause the song.

Restarts the song after pausing.

Press and hold to rewind the song. Tap to go back to the previous song.

	Press and hold to fast-forward the song. Tap to go to next song.
Volume	Adjusts the Media volume by increasing or decreasing the volume level.

Creating a Playlist

Before you can create a playlist you must navigate to the Music Library. From the Music Library screen, press ➔ **Settings** ➔ **Music menu** and touch the **Playlist** checkbox.

1. From the Home screen, touch ➔ **Music Player**.
2. Touch the **Playlists** tab.
3. Press ➔ **Create**.
4. Type a name for this playlist in the field and touch **Done**, then touch **Save**.

Adding Music to a Playlist

To add files to the playlist:

1. From the Home screen, touch ➔ **Music Player**.
2. Touch the **Playlists** tab.
3. Touch the playlist name in which to add music.
4. Touch **Add music**.
5. Touch a music file, or touch **Select all** to add all the music tracks to this playlist then touch **Add**.

Removing Music from a Playlist

To remove music files from a playlist:

1. From the Home screen, touch ➔ **Music Player**.
2. Touch the **Playlists** tab.
3. Touch the playlist name in which to delete music.
4. Press ➔ **Remove**.
5. Touch the checkbox to the right of each track you want to remove from this playlist, or touch **Select all** to remove all the music tracks from this playlist, then touch **Remove**.

Editing a Playlist

Besides adding and removing music files in a playlist, you can also rename the playlist.

To edit a playlist:

1. From the Home screen, touch ➔ **Music Player**.
2. Touch **Playlists**.
3. Press ➔ **Edit**.
4. Touch a playlist name to edit.

5. Touch the **Name** field for the selected playlist, enter a new name for the playlist then touch **Done**, then touch **Save**.

Playing Music Files

You can play an individual track of music, or you can select music from a playlist, or play an entire Album.

Important!: This procedure assumes that a playlist was created. If no playlist exists, create a playlist and then follow these steps.

1. From the Home screen, touch → **Music Player**.
2. Touch the **All** tab.
3. Touch a music file. The music player starts playing the music.
4. While listening to a music file, press and select one of the following:
   - **Add to quick list**: adds the current music file to the Quick list.
   - **Via Bluetooth**: scans for devices and pairs with a Bluetooth headset.
   - **Share music via**: shares this music file through one of the following methods: AllShare, Bluetooth, Google Mail, or Messaging,
   - **Set as**: sets the selected music file as a Voice call ringtone, Individual ringtone, or as an Alarm tone.
   - **Add to playlist**: Displays a list of playlists in which to add the file. Touch an existing playlist or create a new one.
   - **More**: allows you to use Settings, view Details for this music file, or Stop playing music.
5. Touch one of the shortcut keys (For more information, refer to *"Music Player Shortcut Keys"* on page 89.)

Transferring Music Files

Music files can be downloaded to the phone using one of two methods:

1. Downloaded to the phone from Amazon MP3, or Android Market.

   Music files are directly stored on your phone.
2. Downloaded to the phone via a direct USB connection.

   Music files are stored into a Music folder on the SD card.

For more information, refer to *"USB Settings"* on page 144.

Removing Music Files

1. From the Home screen, touch → **Music Player**.
2. Touch **All**.
3. Press → **Delete**.

4. Touch the checkbox next to each music file you want to delete, then touch **Delete**.

   The music file(s) deletes.

Assigning Music Files

You can choose to assign music files as a ringtone, Individual ringtone, or Alarm tone. Songs used for these types of assignments must be copied to the phone.

1. From the Home screen, touch ➔ **Music Player**.
2. Touch **All**.
3. Touch a music file.
4. Press ➔ **Set as**, then select **Voice call ringtone**, **Individual ringtone**, or **Alarm tone**.

   The phone confirms your selection.

Moving and Copying Music Files

You can move or copy music files from the phone to the memory card.

Moving a Music file

1. From the Home screen, touch ➔ **Files**.
2. Touch one of the folders where the music is stored.
3. Press ➔ **More** ➔ **Move**.
4. Touch the check box next to each individual music file you want to move, or touch **Select all** to move all the music files.
5. Touch the destination folder, then touch **Move here**.

   The files are moved to the new location.

Copying a Music file

1. From the Home screen, touch ➔ **Files**.
2. Touch one of the folders where the music is stored.
3. Press ➔ **More** ➔ **Copy**.
4. Touch the check box next to each individual music file you want to move, or touch **Select all** to move all the music files.
5. Touch the destination folder, then touch **Paste here**.

   The files are copied to the new location.

YouTube

YouTube is a video sharing website on which users can upload and share videos, and view them in MPEG-4 format.

1. From the Home screen, touch ➔ **YouTube**.
2. When the screen loads you can begin searching and viewing posted videos.
3. Touch ➔ **More** ➔ **Watch in high quality** if you prefer high quality output.

This section outlines the various applications that are available on your phone.

Applications

The Applications list provides quick access to all the available applications on the device. Applications are identified as either Samsung (specific) applications, or other applications. Samsung applications are those that are associated with specific functions of this device such as: Weather Clock, Daily Briefing, Buddies now, Feeds and Update, Calendar clock, Days Widget, or Dual Clock. Other Widgets listed on the from the Add to Home screen/ Widgets folder include: Gallery, Power Control, Search (Google Search), and YouTube.

The following table contains a description of each Application, its function, and how to navigate through that particular application. If the application is already described in another section of this user manual, then a cross reference to that particular section is provided.

Accounts sync

This application allows you to configure general synchronization settings that determine whether the background data is synchronized, and whether you automatically synchronize data with the phone.

For more information, refer to *"Accounts & syncronization"* on page 145.

Add to Home

This shortcut allows you to add Samsung Widgets, Android Widgets, Shortcuts, Folders, or Wallpapers to the Home screen.

- From the Home screen, touch → **Add to Home**.

For more information, refer to *"Add to Home screen"* on page 31.

Alarm & Clocks

Here you can set an alarm, configure and view the World clock, use a stopwatch, or set a timer. The applications display in a tabular format and quickly accessed with the touch of a finger.

- From the Home screen, touch → **Alarm & Clocks** application.

For more information, refer to *"Alarm and Clocks"* on page 126.

AllShare

This application wirelessly syncronizes your Samsung mobile phone with your TV, streams content and even keeps tabs on who calls or sends text messages with real-time, on-screen monitoring. Samsung's AllShare makes staying connected easy.

Important!: You must activate Wi-Fi to use this application. For more information, refer to *"Activating Wi-Fi"* on page 128.

1. From the Home screen, touch → **AllShare**.
2. Follow the on-screen prompts.

Amazon MP3

Amazon MP3 is a digital music store owned and operated by Amazon.com. Using Amazon MP3 you can download DRM-Free (digital rights management) MP3 formatted songs and albums.

- From the Home screen, touch **Applications** → **Amazon MP3**.

For more information, refer to *"Amazon MP3"* on page 85.

Audio Postcard

In this menu you can select a frame, take a picture and then record a voice message up to one minute long and send it as an Audio Postcard.

1. From the Home screen, touch → **Audio Postcard**.
2. Touch the **Left** or **Right** arrow on the screen to select a frame or background or touch **Choose frame**.
3. Center the subject in the view finder and press the icon.
4. Press **Record** and record an audio message.
5. Press **Send to**, select a recipient and touch **Send**.

Avatar

Avatar is preloaded on the SD card included with this device.

- Just insert the preloaded memory card, tap the icon and enjoy.

Buddies Now

When you add contacts using the Buddies now screen the contacts are marked as Favorites and display on this screen.

Any updates made to their private networking applications displays here, and you can comment or call them with one touch.

1. Use the **Add to Home Screen** ➔ **Samsung Widgets** to add **Buddies Now** to the Home screen. For more information, refer to *"Adding an application to the Home screen"* on page 31.
2. Tap the plus sign and select a contact from the Contact list to add to the Buddies now list.
3. Touch **Message** to send a message to the contact.
4. Touch **Call** to call the contact.
5. Touch the contact photo or image to display contact information, History, Updates, and Media related to this contact.

To remove a contact from the Buddies now list:

1. Touch **Edit** from the Buddies Now screen.
2. Touch the minus symbol on the upper right corner of the image to delete the contact from this list.

Calculator

Using this feature you can use the phone as a calculator. The calculator provides the basic arithmetic functions; addition, subtraction, multiplication, and division. You can also use this as a scientific calculator.

1. From the Home screen, touch ➔ **Calculator** application.
2. Enter the first number using the numeric keys.
3. Enter the operation for your calculation by touching the **Plus, Minus, Multiplication,** or **Division** key.
4. Enter the next number.
5. To view the result, touch the = key.
6. Repeat steps 1 to 4 as many times as required.

Calendar

With the Calendar feature, you can consult the calendar by day, week, or month, create events, and set an alarm to act as a reminder.

1. From the Home screen, touch → **Calendar** application.

   The Calendar displays four tabs:

   - **Month**: displays the Month view.
   - **Week**: displays the Week view.
   - **Day**: displays the Day view.
   - **List**: allows you to search for events for the selected Month, Week, or Day. Or you can look for events for a future date.

2. Press and select one of the following options:
   - **Create**: creates a new Event.
   - **Go to**: displays a specific date.
   - **Today**: displays the date highlighted with a Blue box highlighting the date.
   - **Delete**: allows you to delete All events, All events before today, or an individual event.
   - **Settings**: displays a list of configurable settings.

For more information, refer to *"Calendar"* on page 125.

Call log

The Call log lists all the calls missed, received, or dialed.

For more information, refer to *"Call Log"* on page 50.

Contacts

The default storage location for saving phone numbers to your Contacts List is your phone's built-in memory.

For more information, refer to *"Contacts List"* on page 58.

Camera

Use your 5.0 megapixel camera feature to produce photos in a JPEG format.

Note: An SD card must be inserted before the Camera will take and store photos.

For more information, refer to *"Using the Camera"* on page 77.

Daily Briefing

With Daily Briefing you can monitor the weather, financial information, news, and your schedule from one convenient location.

1. From the Home screen, touch → **Daily Briefing** application.
2. Touch the **Tap to add city** field.

3. Scroll through the list of cities to find the city you want to add, or touch the Search bar and use the keypad to enter a city in which to search.
4. Touch the city you want to add and touch **Save**.
5. Sweep the screen to the left and touch the **Tap to add stock** field.
6. In the search bar, type a company name or stock symbol and touch .
   Stocks display.
7. Touch the stocks you want to track. A check mark displays next to the stock selection.
8. Touch **Save**.
9. Sweep the screen to the left and touch the **Tap to get news** field. The AP Mobile news for the city displays.
10. Sweep the screen to the left. The schedules, if any were created, display on this screen.
    For more information, refer to *"Calendar"* on page 97.
11. Sweep the screen to the left to view the weather conditions for this city.
12. Touch to select default weather, finance, and news or touch **Create daily briefing alarm** to add an alarm to your Daily Briefing.

Tip: After Daily Briefing is setup, touch on any field to display the information. Sweep the screen left or right to scroll through the Daily Briefing pages.

Email

Email enables you to review and create email using most email services. The device alerts you when you receive an email message.

For more information, refer to *"Using Email"* on page 73.

Feeds and Updates

This application allows you to synchronize feeds and updates from Facebook, MySpace, and Twitter display them on your phone.

For more information, refer to *"Feeds and Updates"* on page 34.

Files

Organize and store data, images, and more in your own personal file folders. Files are stored to the memory card in separate (user defined) folders.

For more information, refer to *"Files"* on page 86.

Gallery

The Gallery is where you view photos and play back videos. For photos, you can also perform basic editing tasks, view a slideshow, set photos as wallpaper or caller image, and share as a picture message.

For more information, refer to *"The Gallery"* on page 86.

GoGo

Gogo, powered by Aircell, turns a commercial airplane into a Wi-Fi hotspot with true inflight Internet access. Passengers with Wi-Fi enabled devices, such as smartphones can surf the Web, check e-mail, instant message, access a corporate VPN and more.

1. From the Home screen, touch → **GoGo** application.
2. Follow the on-screen prompts.

Google Mail

Google Mail (Gmail) is a web-based email service. Gmail is configured when you first set up your phone. Depending on your synchronization settings, Gmail can automatically synchronize with your Gmail account on the web.

For more information, refer to *"Using Google Mail"* on page 74.

Google Search

Google Search is a web-based search engine that uses text-based quieres to search for content on web pages.

1. From the Home screen, touch the Google Search field and enter the search text.

   – or –

   Touch the microphone on the Google Search bar and say the search information. For more information, refer to *"Voice Search"* on page 108.

Kindle

Using your 3G connection you can download books through the Amazon Kindle™ application with no annual contracts, monthly fees, and no hunting for hotspots.

Important!: You must be registered with Amazon Kindle to use this feature.

1. From the Home screen, touch → **Kindle** application.
2. Enter your registered email address and password.

   – or –

   Touch Create one now and follow the prompts.
3. Follow the on-screen instructions.

Layar

The Layar Reality Browser shows what is around you by displaying real time digital information on top of the real world as seen through your mobile phone. This technology is called Augmented Reality. Layar augments the real world as seen through your mobile phone, based on your location.

How does Layar's Augmented Reality work?

Layar works by using a combination of the mobile phone's , compass and GPS data to identify the user's location and field of view, retrieve data based on those geographical coordinates, and overlay that data over the view.

Important!: You must activate GPS to use this application. For more information on how to activate GPS see *"Power Control"* on page 9.

1. From the Home screen, touch → **Layar** application.
2. Touch **OK** to accept the Layar terms and privacy statement.

   Layar initializes your favorites and performs updates.

   The displayed tabs provide the following information:

   - **Favorites**: displays Layar locations marked as Favorites.
   - **Local**: displays local Layar locations.
   - **Featured**: dipslays featured Layar locations.
   - **Popular**: displays the most popular Layar locations.
   - **Search**: search for your own Layar location.

Maps

Google Maps allow you to track your current location, view real-time traffic issues, and view detailed destination directions. There is also a search tool included to help you locate places of interest or a specific address. You can view locations on a vector or aerial map, or you can view locations at the street level.

Important!: Before using Google Maps you must have an active data (3G) or connection. The Maps application does not cover every country or city.

▶ From the Home screen, touch → **Maps** application.

Enabling a Location source

Before you use Google Maps and find your location or search for places of interest, you must enable a location source. To enable the location source you must enable the wireless network, or enable the GPS satellites.

1. From the Home screen, touch → **Settings** → **Location and security**.
2. Touch **Use GPS satellites** to enable the GPS satellite.

Tip: When using Google Maps you can turn on Enable GPS satellites. Selecting GPS satellites allows you to locate places of interest at the street-level. However, this also requires a clear view of the sky and uses more battery power.

Opening Maps

1. From the Home screen, touch ➔ **Maps** application.
2. Press and select one of the following options:
   - **Search**: allows you to search for a place of interest.
   - **Directions**: displays navigation directions to a location from a starting point.
   - **Layers**: allows you to switch map views:
     - **Traffic**: (available only in selected areas) Real-time traffic conditions are displayed over roads as color-coded lines. Each color represents how fast the traffic is moving.
     - **Satellite**: Maps uses the same satellite data as Google Earth. Satellite images are not real-time. Google Earth acquires the best imagery available, most of which is approximately one to three years old.
     - **Buzz**: allows you post public messages and photos at a location for everyone to see.
     - **Latitude**: allows you to see your friend's locations and share your location with them.
     - **More Layers**: allows you to add additional layers such as My Maps, Wikipedia, Transit Lines, Watch the World Cup, and Favorite places.
   - **My Location**: when touched, the location displays on the map with a blinking blue dot.
   - **Join Latitude**: lets you and your friends share locations and status messages with each other. It also lets you send instant messages and emails, make phone calls, and get directions to your friends' locations.
   - **More:**
     - **Clear Map**: after viewing or following directions, this option resets the map.
     - **Starred Items**: marks favorite locations on the map. These items are automatically synchronized with maps.
     - **Labs**: a testing ground for experimental features that are not ready to use publically.
     - **Help**: uses the browser to display a searchable Google Mobile Help screen.
     - **Terms, Privacy & Notices**: displays the Terms and Conditions, Privacy Policy, or Legal Notices information. Select the desired information from the pop-up menu.
     - **About**: displays general information about Google maps such as Version, Platform, Locale, Total data sent, Total data received, Free memory, etc.

Market

Android Market provides access to downloadable applications and games to install on your phone. Android Market also allows you to provide feedback and comments about an application, or flag an application that might be incompatible with your phone.

- From the Home screen, touch the **Market** application.

For more information, refer to *"Downloading a New Application"* on page 109.

Media Hub

Samsung Media Hub is your one stop for the hottest movie and TV content. You can rent or purchase your favorite content and watch from the convenience of anywhere.

For more information, refer to *"Media Hub"* on page 87.

Memo

This feature allows you to create a memo.

1. From the Home screen, touch → **Memo** application.
2. Compose the memo and touch **Save**.

For more information, refer to *"Text Input Methods"* on page 52.

Memo options

1. While viewing the list of Memos, press and select one of the following options:
   - **Create**: allows you to create a memo.
   - **Maximize**: remove the bent, lower-right corner of the memo page and to maximize the information display.
   - **Delete**: allows you to delete one or more memos.
2. Touch and hold the memo then select the method to send this memo: **Bluetooth** or **Messaging**.

Messaging

This application allows you to use the Short Message Service (SMS) to send and receive short text messages to and from other mobile phones.

You can also use the Multi Media Service (MMS) to create multimedia messages to send and receive from other mobile phones.

For more information, refer to *"Creating and Sending Messages"* on page 68.

Mini Diary

This application allows you to create a mini diary where you can add a photo, and text to describe an event or other memorable life event.

1. From the Home screen, touch → **Mini Diary** application.
   Any diary entries display in a list.
2. Tap **Create diary**.
3. Tap **Tap to add photo** field to add a photo for this diary event and touch the source. Selections are: **Camera**, or **Images**.
4. Tap the screen and enter text then touch **Save**.
5. Tap the No weather data icon in the upper, left corner (over the photo) and select a weather condition from the list to describe the weather conditions for this entry.
6. Touch **Save**.

Mini Diary settings

1. From the Home screen, touch → **Mini Diary** application.
2. Press → **Settings**.
3. Touch **Selected city** and touch the city for which you are documenting this entry.
4. Touch **Auto update** if you want the settings to automatically update.

Deleting a Mini Diary entry

1. From the Home screen, touch → **Mini Diary** application.
2. Press → **Delete all**.

Mini Diary options

1. From the Home screen, touch → **Mini Diary** application.
2. Select a diary.
3. Press and select one of the following options:
   - **Create**: creates a new diary entry.
   - **Delete**: deletes the displayed entry.

- **Publish**: charges may apply when publishing (exporting). Touch Yes then select Facebook or MySpace.
- **Send via MMS**: attaches this entry and sends it as a mutlimedia message.
- **Change photo**: replaces the photo in this entry by allowing you to take another photo with using another image.
- **Delete photo**: deletes the photo from this entry when you touch Yes to confirm.

MobiTV

MobiTV is a subscription service that allows you to watch your favorite TV shows on your handset.

For more information, refer to *"MobiTV"* on page 88.

Music Player

Music Player allows you to play music files that you have stored on your microSD card. You can also create playlists.

For more information, refer to *"Music Player"* on page 89.

My Account

This option provides you with account specific information such as your current activity, billing information, Plan Services information. You can also set alerts for minute or message usage, payment reminder, or power saver.

The differences between My Account and My Device are these:

- **My Account**: check usage, pay your T-Mobile bill.
- **My Device**: settings, Tips Tricks, and more.

Tip: Use the Menu key to toggle between My Account and My Device.

▶ From the Home screen, touch → **My Account**.

The initial screen displays four tabs: Activity, Alerts, Billing, and Plans Services.

Activity

The Activity tab displays your current minute and message activity. You can view what percentage of minutes were used as well as the number of messages used for a particular start date.

Alerts

From this screen you can activate alerts to notify you of the following:

- **Minute usage**: tracks the number of minutes used and remaining in your plan.
  - Minute Usage Reminder: sends an alert when the number of minutes used reaches 75 percent of the total available minutes in the plan.
  - Over Limit Alert: sends an alert when usage exceeds your plan's total avaiable minutes.

- **Message usage**: tracks the number of messages used and remaining in your plan. If you plan includes unlimited messages this setting does not apply.
- **Payment Reminder**: alerts when your bill is due.
- **Power Saver**: sends an alert when the battery level reaches 30 percent efficiency. The alert displays in the notification window. This alert is automatically set to On.

Billing

This provides a billing summary.

Plan Services

This screen displays specific information and charges for your current plan and services. The screen also displays additional services information and charges.

My Device

Use the My Device application to configure device settings, view Tips Tricks, personalize your CallerTunes, Ringtones, or Wallpapers, or view battery storage information.

Tip: Use the Menu key to toggle between My Account and My Device.

The differences between My Account and My Device are these:

- **My Account**: check usage, pay your T-Mobile bill.
- **My Device**: settings, Tips Tricks, and more.

The initial screen displays four tabs: Personalize, Quick Tools, Tips Tricks, and Storage Battery.

Personalize

Placeholder: need more information.

- **CallerTunes**: personalize caller tunes.
- **Ringtones**: you can personalize your phone's ringtones when you Download HiFi Ringers, view Ringtone Subscriptions, access Voice Sounds, and access Phone Ringtones.
- **Wallpapers**: you can personalize your phone's background by selecting wallpapers from the Gallery, Live Wallpaper, the Wallpaper Gallery, or the T-Mobile Gallery.

Quick Tools

Quick Tools is a shortcut that allows you to activate Wi-Fi, activate and configure Data Roaming features, activate and configure GPS features, set the screen timeout for the display, and view phone information.

Tips Tricks

Displays navigation tips and tricks.

Storage Battery

From this tab you can view Memory storage infromation for the phone or memory card. You can also view the battery level percentage and other information.

Settings

This icon navigates to the sound and phone settings for your phone. It includes such settings as: display, security, memory, and any extra settings associated with your phone.

- From the Home screen, touch → **Settings** application.

For more information, refer to *"Changing Your Settings"* on page 128.

Slacker

Slacker offers free, internet radio for mobile phones.

1. From the Home screen, touch → **Slacker** application.

Important!: You must register and create a free account prior to using this service.

2. Enter your Email address and password.

   – or –

   Touch **Create Account** if you have not created an account.

3. Begin selecting the music you want to listen to.

Swype tips

Using the SwypeTips application you can watch a video or start a tutorial that teaches you how to use Swype most efficiently.

- From the Home screen, touch → **Swype Tips** application.

For more information, refer to *"Swype Text Entry Tips"* on page 53.

Talk

You can instant message with Google Talk. Google Talk allows you to communicate with other people who are also connected with Google Talk on the phone or on the web.

For more information, refer to *"Google Talk"* on page 76.

TeleNav GPS

TeleNav GPS Navigator is a driving aid that uses both audible and visual directions for GPS navigation.

1. From the Home screen, touch → **TeleNav GPS** application.
2. A Warning message displays. Read the agreement and touch Accept to accept the terms, or touch **EXIT** to close the window.
3. Enter the required information for TeleNav.

The Sims 3

The SIMS™ 3 is an exciting game where you create and customize the appearance and personality of your characters, then take them into an open-world environment.

1. From the Home screen, touch → **The Sims 3** application.
2. At the prompt, touch **Install** to install this application.
3. Touch **Done** when the “Application installed” screen displays.
4. Tap **The Sims 3** and begin playing.

ThinkFree Office

ThinkFree Office Mobile for Android is a Microsoft Office compatible office suite. This application provides a central place for managing your documents online or offline.

1. From the Home screen, touch → **ThinkFree Office** application.
2. Read the End User License Agreement, then touch **Accept** if you agree with the terms of use.

   Four tabs display:

   - **Home**: displays the introduction to ThinkFree Office and lists a short description of each of the tabs and what type of information they provide.
   - **My Docs**: This is where you keep your documents on this device. You can manage documents, or send them to others, and upload the documents to ThinkFree Online.
   - **Online**: This provides your online storage information. You can also share your documents to others without using email attachments.
   - **Google**: If you use Google DocsTM, sign in and get access to all of you documents. You can also keep a local copy of you documents on this device.

Video Player

The Video Player application plays video files stored on your microSD card.

- From the Home screen, touch → **Video Player** application.

For more information, refer to *“Using the Video Player”* on page 87.

Visual Voicemail

Visual Voicemail enables users to view a list of people who left a voicemail message, and listen to the any message they want without being limited to chronological order.

- From the Home screen, touch ➔ **Visual Voicemail** application.

For more information, refer to *"Visual Voicemail"* on page 13.

Voice Dialer

Voice dialer is a voice recognition software used to activate a wide variety of functions on your phone.

- From the Home screen, touch ➔ **Voice Dialer** application.

For more information, refer to *"Using the Voice Dialer"* on page 44.

Voice Recorder

The Voice Recorder allows you to record an audio file up to one minute long and then immediately send it as a message.

1. From the Home screen, touch ➔ **Voice Recorder** application.
2. Tap the Record icon to record an audio file.
3. Tap Stop to stop recording.
   The file automatically saves to the Voice list.
4. Touch ➔ **Share** and select a method in which to share this audio file. Selections are: Messaging, Gmail, or Bluetooth.
   Refer to each specific section, depending on the method you selected to send this voice recording.

Voice Search

The Voice Search feature is a voice-activated application that allows you to tell the phone what to search for and then the phone activates a Google search based on what you said.

1. From the Home screen, touch ➔ **Voice Search** application.
2. Select **Agree** if you want Google to use location for improved search results and other services, or **Disagree** to decline.
3. At the Speak now screen speak your search command slowly and clearly.
   Google searches for the information and displays related information in the browser.

Web

Open the browser to start surfing the web. The browser is fully optimized and comes with advanced functionality to enhance the Internet browsing feature on your phone.

For more information, refer to *"Web"* on page 112.

Write and Go

Use write and go to job down an idea, then decide what format you want to use to save, send, or post it. You can send as a message, send to your Gmail account, Update to Facebook, save it in the Calendar or as a memo.

1. From the Home screen, touch → **Write and Go** application.
2. Compose the text then select one of the following:
   - **Send message**: sends as a Message or sends to your Gmail (or other email) account.
   - **Update status**: posts this text to your Facebook, MySpace, or Twitter account.
   - **Save**: saves the text to the calendar or as a memo.

YouTube

YouTube is a video sharing website on which users can upload and share videos, and view them in MPEG-4 format.

1. From the Home screen, touch → **YouTube** application.
2. When the screen loads you can begin searching and viewing posted videos.

To watch a high quality video:

3. Touch a video. While playing, touch → **More** → **Watch in high quality**.

Downloading a New Application

To download a new application, you will need to use your Google account to sign in to Android Market. The Android Market home page provides several ways to find applications. The home page features applications and includes a list of item applications by category, a list of games, a link to search, and a link to My downloads.

1. From the Home screen, touch **Market** application.
2. When you open Market for the first time, read the **Terms of Service**, then touch **Accept** to continue.
3. Navigate to the item you want to download, and touch it.

4. Scroll down to view more of the developer's applications.

   You can also email the developer here.

5. Touch and hold a comment to report a comment as Spam.

Important!: If the selected application requires access to data or control of a function on your phone, Market displays the information the application will access.

Touch **OK** if you agree to the conditions of the application. Once you touch **OK** on this screen you are responsible for using this application on the phone and the amount of data it uses. Use this feature with caution.

6. Touch **Install**.
7. From the Android Market screen, touch **Downloads**.
8. Touch the installed application, then touch **Open**.

Tip: The newly downloaded application displays on the Home screen or other selected panel.

Note: A data plan is required to use this feature. Charges may apply. Please contact your service provider for further details.

Android Development

This device can be used for Android application development. You can write applications in the SDK and install them on this device, then run the applications using the hardware, system, and network.

Warning!: Android Dev Phone 1 devices are not intended for non-developer end-users. Because the device can be configured with system software not provided by or supported by Google or any other company, end-users operate these devices at their own risk.

Unknown sources

This feature can be used for Android application development. The feature allows developers to install non-Market applications.

1. From the Home screen, touch → **Settings** → **Applications** → **Unknown sources**.

   Unknown sources displays a check mark to indicate it is active.

Manage applications

This feature allows you to manage and remove installed applications. You can also view the amount of memory or resources used as well as the remaining memory and resources for each of the applications on your phone and clear the data, cache, or defaults.

- From the Home screen, touch ➔ **Settings** ➔ **Applications** ➔ **Manage application**.

Clearing application cache and data

1. From the Home screen, touch ➔ **Settings** ➔ **Applications** ➔ **Manage applications**.
2. Touch an application in which to clear the cache or data.
3. Touch **Clear cache**, **Clear defaults**, **Force stop**, **Permissions** or **Show all**.

Uninstalling third-party applications

You can uninstall any application you downloaded and installed from Android Market.

1. From the Home screen, touch ➔ **Settings** ➔ **Applications** ➔ **Manage applications**.
2. Touch the application to uninstall.
3. Select a reason for uninstalling the application, then touch **OK**.

Your phone is equipped with features that allow you to quickly connect to the web.

Web

Your phone is equipped with a Google browser to navigate the mobile web. This section explains how to navigate the browser and use the basic features.

Accessing the Internet

To access the Browser:

▶ From the Home screen, touch the **Web** application. The Home page displays.

Homepage

When you access the Browser, the homepage displays the following topics:

- **Downloads**: allows you to download Ringtone, Callertunes, Games, Apps, or Gift and Deals.
- **Yahoo Mail**: displays the Sign in for Yahoo Mail. Register by sending a text message with the word START to 92500 if you are not already registered.
- **Facebook**: displays the facebook Log in. Sign up from this page if you are not already registered.
- **AccuWeather**: based on your location settings, AccuWeather displays the current weather conditions.
- **CNN**: displays current news headlines and more.
- **ESPN**: displays current sports news headlines and more.
- **E!Online**: Entertainment Online offers the top celebrity stories, pictures, and more.
- **Mapquest**: is a free, widely-used Web Map Server that provides turn-by-turn directions.
- **Yelp**: downloads the new Yelp application. Yelp is the fun and easy way to find, review and talk about what's great - and not so great, in your area.
- **(T-Mobile) What's Now**: displays the featured online applications such as NPR, mib.com, Facebook, Citysearch, go2 Golf, Univision, Flirtomatic, Your Weather Now!, Gmail, and T-Mobile Games.
- **My Account**: This option provides you with account specific information such as your current status, current activity, Bill Summary, Plan & Services, Voicemail Settings, Find a Retail Store, and FAQ's & Info. For more information, refer to "My Account" on page 123.
- **(T-Mobile) More Sites**:displays links to additional sites to visit such as: What Now - Featured, Email/IM, Social/Chat, News, Weather, and more.

Navigating with the Browser

1. To select an item, touch an entry.
2. To scroll through a website, sweep the screen with your finger in an up or down motion.
3. To return to the previous page, touch .

Browser Options

1. From the home page, press to access the following options:
   - **New window**: displays a new window so you can browse multiple URLs. For more information, refer to *"Adding and Deleting Windows"* on page 114.
   - **Add RSS feeds**: allows you to add RSS (Really Simple Syndication) feeds. RSS is a family of web feed formats used to publish frequently updated works, such as blog entries, news headlines, audio, and video.
   - **Windows**: displays a list of the windows you have open.
   - **Refresh**: reloads the current page.
   - **Forward**: forwards the browser to another web page.
   - **More**: displays the following additional options:
     - **Add bookmark**: allows you to add a URL to your bookmark list.
     - **Find on page**: allows you to search in the current page.
     - **Select text**: touch and slide your finger across text you want to copy and paste to the clipboard. The text highlights as you select it.
     - **Page info**: displays information about the selected page.
     - **Share page**: allows you to share the page using Gmail or as a message.
     - **Downloads**: displays the download history.
     - **Settings**: allows you to change the way you view your web pages by changing these options. See "Browser Settings" on page 116.
     - **Brightness Setting**: allows you to adjust the brightness of your display.

Entering a URL

You can access a website quickly by entering the URL. Websites are optimized for viewing on your phone.

To enter a URL and go to a particular website, follow these steps:

▶ Touch the **URL** field at the top of the screen, enter the URL and touch **Go**.

Search the Internet

To perform an internet search using keywords, follow these steps:

1. Touch the **Google Search** field, enter the keyword(s) to search using the on-screen keypad and touch **Search**.

   Related website links display.

   A list of search results displays.

2. Touch a link to view the website.

Adding and Deleting Windows

You can have up to eight Internet windows open at one time. To add a new window, follow these steps:

1. From your browser, tap → **New Window**.
2. A new browser window displays.
3. Tap → **Windows** to see a list of all open windows.
4. Tap a listing to open up the Internet window.
5. Touch next to the listing to delete the window.

Using Bookmarks

While navigating a website, you can bookmark a site to quickly and easily access it at a future time. The URLs (website addresses) of the bookmarked sites display in the Bookmarks page. From the Bookmarks page you can also view your Most visited websites and view your History.

1. From the Home webpage, tap .

   The Bookmarks page displays.

2. Tap to display the following options:
   - **Bookmark last-viewed page**: Creates a new bookmark for the last webpage that you viewed.
   - **List/Thumbnail view**: Select **Thumbnail view** (default) to view a thumbnail of the webpage with the name listed, or select **List view** to view a list of the bookmarks with Name and URL listed.
3. Touch a bookmark to view the webpage, or touch and hold a bookmark for the following options:
   - **Open**: Opens the webpage of the selected bookmark.
   - **Open in new window**: Opens the webpage in a new window.
   - **Edit bookmark**: Allows you to edit the name or URL of the bookmark. For more information, refer to *"Editing Bookmarks"* on page 115.
   - **Add shortcut to Home**: Adds a shortcut to the bookmarked webpage to your phone's Home screen.
   - **Share link**: Allows you to share a URL address via Bluetooth, Gmail, or Messaging.
   - **Copy link URL**: Allows you to copy the URL address to use in a message.
   - **Delete bookmark**: Allows you to delete a bookmark. For more information, refer to *"Deleting Bookmarks"* on page 115.
   - **Set as homepage**: Sets the bookmark to your new homepage.

Adding Bookmarks

1. From the Home webpage, tap ➔ **Add**.
2. Use the on-screen keypad to enter the name of the bookmark and the URL.
3. Tap **OK**.
4. **Saved to bookmarks** displays at the bottom of the page.

Editing Bookmarks

1. From the Bookmarks page, touch and hold the bookmark you want to edit.
2. Touch **Edit bookmark**.
3. Use the on-screen keypad to edit the name of the bookmark or the URL.
4. Tap **OK**.

Deleting Bookmarks

1. From the Bookmarks page, touch and hold the bookmark you want to delete.
2. Touch **Delete bookmark**.
3. At the confirmation window, tap **OK**.

Emptying the Cookies

A cookie is a small file placed on your phone by a website during navigation. In addition to containing some site-specific information, a cookie can also contain some personal information (such as a username and password) which might pose a security risk if not properly managed. You can clear these cookies from your phone at any time.

1. From the Home webpage, tap ➔ **More** ➔ **Settings** ➔ **Clear all cookie data**.
2. At the **All cookies will be deleted** prompt, touch **OK** to delete the cookies or touch **Cancel** to exit.

Using Web History

The History list displays a list of the most recently viewed websites. These entries can be used to return to previously unmarked web pages.

1. From the Home webpage, touch ➔ .

   A list of the most recently viewed websites displays.
2. Touch an entry to display the webpage.
3. Press ➔ **Clear history** to delete the History list.

Using Most Visited

The Most visited list provides you with a list of the most visited and bookmarked websites. These entries are used to return to previously unmarked web pages.

1. From the Home webpage, tap ➔ .

   A list of your most frequently visited webpages displays. The most frequently visited web pages display at the top of the list.

2. Touch any entry to display the webpage.

Browser Settings

To make configure browser settings, follow these steps:

1. From the Home screen, touch ➔ **Web** application.
2. Press ➔ **More** ➔ **Settings**.
3. The following options display:
   - **Text size**: Adjusts the current on-screen text size. Options include Tiny, Small, Normal, Large,or Huge.
   - **Default zoom**: Adjusts the zoom feature. Set to Far, Medium, or Close.
   - **Open pages in overview**: Displays an overview of recently viewed web pages.
   - **Text encoding**: Adjusts the current text encoding.
   - **Block pop-up windows**: Prevents popup advertisement or windows from appearing on-screen. Remove the checkmark to disable this function.
   - **Load images**: Allows web page images to load along with the other text components of a loaded website.
   - **Auto-fit pages**: Allows web pages to be resized to fit as much of the screen as possible.
   - **Landscape-only display**: Displays the browser in only the horizontal postition.
   - **Enable JavaScript**: Enables javascript for the current Web page. Without this feature, some pages may not display properly. Remove the checkmark to disable this function.
   - **Enable plug-ins**: Allows the download of plug-ins such as Adobe Flash.
   - **Open in background**: New pages are launched in a separate page and displayed behind the current one. Remove the checkmark to disable this function.
   - **Set home page**: Sets the current home page for the Web browser.
   - **Default storage**: Sets the default storage to Phone or Memory card.
   - **Clear cache**: Deletes all currently cached data. Tap **OK** to complete the process.
   - **Clear history**: Clears the browser navigation history. Tap **OK** to complete the process.

- **Accept cookies**: Allows sites, that require cookies, to save and read cookies from your device.
- **Clear all cookie data**: Deletes all current browser cookie files.
- **Remember form data**: Allows the device to store data from any previously filled out forms. Remove the checkmark to disable this function.
- **Clear form data**: Deletes any stored data from previously filled out forms. Tap OK to complete the process.
- **Enable location**: Allows websites to request access to your location.
- **Clear location access**: Clears location access for all websites. Tap **OK** to complete the process.
- **Remember passwords**: Stores usernames and passwords for visited sites. Remove the checkmark to disable this function.
- **Clear passwords**: Deletes any previously stored usernames or passwords. Tap **OK** to complete the process.
- **Show security warnings**: Notifies you if there is a security issue with the current website. Remove the checkmark to disable this function.
- **Website settings**: View advanced settings for individual websites.
- **Reset to default**: Clears all browser data and resets all settings to default.

Bluetooth

About Bluetooth

Bluetooth is a short-range communications technology that allows you to connect wirelessly to a number of Bluetooth devices, such as headsets and hands-free car kits, and Bluetooth-enabled handhelds, computers, printers, and wireless devices. The Bluetooth communication range is usually up to approximately 30 feet.

Turning Bluetooth On and Off

To turn Bluetooth on:

1. Touch ➔ **Settings** ➔ **Wireless and networks** ➔ **Bluetooth settings**.
2. Tap the **Bluetooth** field to activate the feature (checkmark indicates active). When active, displays in the Status area.

To turn Bluetooth off:

1. Touch ➔ **Settings** ➔ **Wireless and network** ➔ **Bluetooth settings**.
2. Tap the **Bluetooth** field to deactivate the feature.

Bluetooth Status Indicators

The following icons show your Bluetooth connection status at a glance:

Displays when Bluetooth is active.

Displays when Bluetooth is connected (paired) and communicating.

Bluetooth Settings

The Bluetooth settings menu allows you to set up many of the characteristics of your device's Bluetooth service, including:

- Entering or changing the name your device uses for Bluetooth communication and description
- Setting your device's visibility (or "discoverability") for other Bluetooth devices
- Displaying your device's Bluetooth address

To access the Bluetooth Settings menu:

1. Touch → **Settings** → **Wireless and networks** → **Bluetooth settings**.
2. Verify Bluetooth is active.
3. Touch the **Device name**, **Visible**, and **Scan devices** fields to set the options.

To change your Bluetooth name:

1. Verify Bluetooth is active.
2. From the Bluetooth settings page, tap **Device name**.
3. Tap the **Device name** field and enter a new name.
4. Tap **OK** to complete the rename process.

To set visibility:

1. Verify your Bluetooth is active.
2. From the Bluetooth settings page, tap **Visible**.

   Making your device visible allows other devices to pair and communicate.

Note: Your device is visible for up to 120 seconds (2 minutes). This value appears as a countdown within this field.

To scan for Bluetooth devices:

1. Verify Bluetooth is active.
2. From the Bluetooth settings page, tap **Scan devices** to search for visible external Bluetooth-compatible devices such as headsets, devices, printers, and computers.

Pairing Bluetooth Devices

The Bluetooth pairing process allows you to establish trusted connections between your device and another Bluetooth device. When you pair devices, they share a passkey, allowing for fast, secure connections while bypassing the discovery and authentication process.

Note: Pairing between two Bluetooth devices is a one-time process. Once pairing is established the devices continue to recognize their partnership and exchange information without entering a passcode.

To pair your device with another Bluetooth device:

1. Verify Bluetooth is active.
2. From the Bluetooth settings page, tap **Visible**.

   Your device must be visible to successfully pair with an external device.
3. Tap **Scan devices**. Your device displays a list of discovered in-range Bluetooth devices.
4. Tap a device from the list to initiate pairing.
5. Enter the passkey or PIN code, if needed, and tap **OK**.
6. The external device must accept the connection and enter your device's PIN code.

   Once successfully paired to an external device, displays in the Status area.

Note: Due to different specifications and features of other Bluetooth-compatible devices, display and operations may be different, and functions such as transfer or exchange may not be possible with all Bluetoothcompatible devices.

Disconnecting a Paired Bluetooth Device

Disconnecting a paired device breaks the connection between the device and your phone, but retains the knowledge of the pairing. At a later point when you wish to reconnect the device, there is no need to setup the connection information again.

1. Verify your Bluetooth is active.
2. From the Bluetooth settings page, touch the previously paired device (from the bottom of the page).
3. Tap **OK** to confirm disconnection.

   – or –

   From the Bluetooth settings page, touch and hold the name of the previously paired device, and select **Disconnect**.

Note: Disconnections are manually done but often occur automatically if the paired device goes out of range of your phone or it is powered off.

Deleting a Paired Bluetooth Device

Deleting a device from your list removes its "connection record" and upon reconnection would require that you re-enter all the previous pairing information.

1. Verify Bluetooth is active.
2. From the Bluetooth settings page, touch and hold the name of the previously paired device (from the bottom of the page). This opens the connected device's menu options.
3. Tap **Unpair** to delete the paired device.

Sending Contacts via Bluetooth

Depending on your paired devices' settings and capabilities, you may be able to send pictures, Contact information, or other items using a Bluetooth connection.

Note: Prior to using this feature, Bluetooth must first be enabled, and the recipient's device must be visible.

Only a Contact's information can be sent via Bluetooth. No other file type (video, image, or audio) can be sent using Bluetooth.

1. Verify your Bluetooth is active.
2. Touch ➔ .
3. Touch ➔ **More** ➔ **Send via bluetooth**.
4. Tap each contact that you would like to send via Bluetooth. A green checkmark displays next to each selected entry.
5. Touch **Send**.
6. Select the paired device to send the contacts to.

Note: The external Bluetooth device must be visible and communicating for the pairing to be successful.

7. A Bluetooth share notification displays in your notifications list.

Enable Downloading for Web Applications

Important!: Before you can download a web application you must insert an SD into the phone and enable the **Unknown sources** feature (enables downloading). For more information, refer to *"SD Card"* on page 6. Also, see *"Mounting the SD Card"* on page 39.

1. From the Home screen, touch ➔ **Settings** ➔ **Applications**.
2. Touch the **Unknown sources** check box.

3. Touch **On** under Unknown sources to allow install of non-Market applications. Touch **Off** to disable installation of non-market applications.

Warning!: Not all web applications are safe to download. In order to protect your phone and data, use Android Market to install web applications. For more information, refer to *"Downloading a New Application"* on page 109.

PC Connections

You can connect you device to a PC using an optional PC data cable using various USB connection modes. When you connect the device to a PC, you can synchronize files with Windows Media Player, transfer data to and from your device directly, or use the Samsung Kies program and use you device as a ide for a PC.

What is Samsung Kies?

Samsung Kies is a software suite that allows you to search and download applications directly from a PC. The applications are then installed onto a mobile device when synced with a PC, providing instant back up and peace of mind for application downloads.

To learn more about Samsung Kies and Samsung applications, browse featured applications and download Kies at www.samsungapps.com.

Connecting with Samsung Kies

Ensure that Samsung Kies is installed on your PC. You can download the program from the Samsung website (www.samsungmobile.com).

1. From the Home screen, touch → **Settings** → **Applications** → **USB settings** → **Samsung Kies**.
2. Press the Home key to return to Idle mode.
3. Using an optional PC data cable, connect the multifunction jack on your device to a PC.
4. Run Samsung Kies and use wireless connections or copy data and files.

   Refer to Samsung Kies help for more information.

Synchronizing with Windows Media Player

Ensure that Windows Media Player is installed on your PC.

1. From the Home screen, touch → **Settings** → **Applications** → **USB settings** → **Media player**.
2. Press the **Home** key to return to Idle mode.

3. Using an optional PC data cable, connect the multifunction jack on your device to a PC with Windows Media Player installed.
   A pop-up window displays on the PC when connected.
4. Open **Windows Media Player** to synchronize music files.
5. Edit or enter your device's name in the pop-up window.
6. Select and drag the music files you want to the sync list and begin synchronizing.

Connecting as a Mass Storage Device

You can connect your device to a PC as a removable disk and access the file directory. If you insert a memory card in the device, you can also access the files directory from the memory card by using the device as a memory card reader.

Note: The file directory of the memory card displays as a removable disk, separate from the internal memory.

1. Insert a memory card into the device to transfer files from or to the memory card.

Note: To use any downloaded market application that requires a USB connection between your phone and your PC, you should first set the USB setting to **Mass storage**.

2. From the Home screen, touch → **Settings** → **Applications** → **USB settings** → **Mass storage**.
3. Press the **Home key** to return to Idle mode.
4. Connect the multifunction jack on your device to a PC using an optional PC data cable.
   A pop-up window displays on the PC when connected.
5. Open the folder to view files.
6. Copy files from the PC to the memory card.

Wi-Fi

About Wi-Fi

Wi-Fi (short for "wireless fidelity") is a term used for certain types of Wireless Local Area Networks (WLAN). Wi-Fi communication requires access to an existing and accessible Wireless Access Point (WAP). These WAPs can either be Open (unsecured) as within most Hot Spots, or Secured (requiring knowledge of the Router name and password).

Activating Wi-Fi

By default, your device's Wi-Fi feature is turned off (deactivated). Activating Wi-Fi allows your device to discover and connect to compatible in-range WAPs (Wireless Access Points).

1. Touch → **Settings** → **Wireless and networks** → **Wi-Fi**

settings.

2. Touch the **Wi-Fi** field to activate the feature. A checkmark indicates that Wi-Fi is active. The device scans for available in-range wireless networks and displays them under Wi-Fi networks on the same screen.

Connecting to a Wi-Fi Network

1. Touch → **Settings** → **Wireless and networks** → **Wi-Fi settings**.

   The network names and security settings (Open network or Secured with WEP) of detected Wi-Fi networks display in the Wi-Fi networks section.

2. Touch the network in which to connect.

Note: When you select an open network you are automatically connected.

3. Enter a wireless password (if necessary).

Manually Add a New Network Connection

1. Touch **Add Wi-Fi network**.
2. Enter the Network SSID (the name of your Wireless Access Point).
3. Tap the **Security** field and select a security option. This must match the current security setting on your target WAP.
4. Enter your WAP's password if the WAP is secure.
5. Touch **Save** to store the new information and connect to the target WAP.

Note: No prompt to enter the WAP key displays if this is the second time to connect to a previously accessed or secured wireless network. The WAP key is required when the device is reset using factory default settings.

Deactivating Wi-Fi

1. Touch → **Settings** → **Wireless and networks** → **Wi-Fi settings**.
2. Tap the **Wi-Fi** field to deactivate the feature. The checkmark grays.

Note: Use of wireless data connections such as Wi-Fi and Bluetooth can reduce battery life and use times.

Manually Scan for a Wi-Fi Network

1. Touch → **Settings** → **Wireless and networks** → **Wi-Fi settings**.
2. Tap → **Scan**.

Wi-Fi Status Indicators

The following icons indicate the Wi-Fi connection status:

Displays when Wi-Fi is connected, active, and communicating with a Wireless Access Point (WAP).

Displays when Wi-Fi is active but there is a communication issue with the target Wireless Access Point (WAP).

Wi-Fi Advanced Settings

The Wi-Fi settings - Advanced menu allows you to set up many of the device's Wi-Fi services, including:

- Setting the Wi-Fi sleep policy
- Viewing the device's MAC Address
- Configuring use of either a DHCP or Static IP

To access the Bluetooth Settings menu:

1. Touch → **Settings** → **Wireless and networks** → **Wi-Fi settings**.
2. Tap → **Advanced**.

For more information, refer to *"Wi-Fi settings"* on page 128.

Section 11: Time Management

This section describes how you can manage time using time-related applications such as the Calendar, Alarm Clock, Analog or Digital clock, and the World clock.

Calendar

With the Calendar feature, you can consult the calendar by day, week, or month, create events, and set an alarm to act as a reminder.

1. From the Home screen, touch → **Calendar** application.

   The Calendar displays four tabs:

   - **Month**: displays the Month view.
   - **Week**: displays the Week view.
   - **Day**: displays the Day view.
   - **List**: allows you to search for events for the selected Month, Week, or Day. Or you can look for events for a future date.

2. Press and select one of the following options:

   - **Create**: creates a new Event.
   - **Go to**: displays a specific date.
   - **Today**: displays the date highlighted with a Blue box highlighting the date.
   - **Delete**: allows you to delete All events, All events before today, or an individual event.
   - **Settings**: displays a list of configurable settings.

Creating a Calendar Event

1. From the Home screen, touch → **Calendar** application.
2. From the Month tab, press → **Create**.

Calendar Settings

Using the Calendar settings you can select the day with which you want the calendar to begin. You also select how you want to view the calendar, by Month, Week, or Day or determine how to manage events, notifications, sounds, and defaults reminders.

1. From the Home screen, touch → **Calendar**.
2. Press → **Settings**.
3. Touch **Calendars** and touch each calendar you want to display or touch **All calendars**. A check mark indicates selection.

4. Touch **Calendar sync** and touch the the type of general synchornization settings you want. A check mark indicates selection.
5. Touch **Default view** and touch a view. Selections are: **Month**, **Week**, **Day**, or **List**.
6. Touch **Day view** and touch a type. Selections are: **Time grid**, or **Event list**.
7. Touch **First day of week** and touch **Sunday** or **Monday**.
8. Touch **Hide declined events** to activate this option. A check mark indicates selection.

Alarm and Clocks

This feature allows you to create an alarm to ring at a specified time, track time in other parts of the world, use a stopwatch, or set a timer.

▶ From the Home screen, touch → **Alarm & Clocks** application.

Setting an Alarm

1. From the Home screen, touch → **Alarm & Clocks** application.
2. Touch **Create alarm**.
3. Use the plus or minus symbols to enter the hour, and minutes, then touch **AM** or **PM** (toggles depending on which was last selected).
4. Touch the **Repeat** field and touch the number of times you want this alarm to repeat. Selections are: **Once only**, **Everyday**, **Weekdays**, or **Weekly**.
5. If you selected Weekly, a bar displays. touch each day of the week in which you want this alarm to repeat, then touch **Save**.
6. Touch the **Name** field and enter a name for this Alarm.
7. Touch the radio button to activate a tone for one of the following alarm types: **Snooze**, **Set as daily briefing**, or **Smart alarm**.
8. Touch the **Alarm type** field and select one of the following: **Melody**, **Vibration**, **Vibration and melody**, or **Voice**.
9. Touch the **Alarm tone** field and select one of the following: **Sounds**, or **Go to My files**. Locate a sound to use as an alarm ringtone then touch **OK** to activate the ringtone.

10. Slide the slider bar left or right in the **Alarm volume** field to decrease or increase the alarm volume. A sample of the volume level plays.

World Clock

This feature allows you to find out what time it is another part of world.

To access the World Clock:

1. From the Home screen, touch ➔ **Alarm & Clocks** and touch the **World Clock** tab.
2. Touch Add city then scroll and selec the desired city, or tap in the search field and search for a city.
3. Press ➔ **DST settings** and touch each city that uses Daylight Saving time, then touch **OK**.

Stopwatch

This feature allows you to use a stopwatch to time multiple laps.

1. From the Home screen, touch ➔ **Alarm & Clocks** application, then touch the **Stop watch** tab.
2. Touch **Start** to start the stopwatch counter.
3. Touch **Lap** to begin the lap time counter.
4. Touch **Stop** to stop the counter.
5. Touch **Restart** to restart the lap counter. You can have multiple lap times.
6. Touch **Reset** to reset the counter.

Setting a Timer

To set the Timer, use the following options:

1. From the Home screen, touch ➔ **Alarm & Clocks** application, then touch the **Timer** tab.
2. Touch the **hr**, **min**, or **sec** field and use the on-screen keypad to enter the hour, minute, or seconds.
3. Touch **Start** to start the timer.
4. Touch **Stop** to stop the timer or **Reset** to reset the timer and start over.
5. Press **Restart** to resume the timer counter.

Section 12: Changing Your Settings

This section explains the sound and phone settings for your phone. It includes such settings as: display, security, memory, and any extra settings associated with your phone.

Wireless and Networks

Using Flight mode

Flight mode allows you to use many of your phone's features, such as , Games, and more, when you are in an airplane or in any other area where making or receiving calls or data is prohibited.

Important!: When your phone is in Airplane Mode, it cannot send or receive any calls or access online information or applications.

1. From the Home screen, touch **➔ Settings ➔ Wireless and networks**.
2. Touch **Flight mode**. A check mark displayed next to the feature indicates Flight mode is active.

Activating Wi-Fi

1. From the Home screen, touch **➔ Settings ➔ Wireless and networks ➔ Wi-Fi settings**.
2. Touch **Wi-Fi**. A check mark displayed indicates Wi-Fi is active.

Wi-Fi settings

Once set up for Wi-Fi connectivity, your phone automatically uses Wi-Fi, when available, for all your mobile phone services.

1. From the Home screen, touch **➔ Settings ➔ Wireless and networks ➔ Wi-Fi settings**.
2. The available connection types display with an Edit icon displayed to the right of each connection.
3. Configure the settings as desired.

Network Notification

By default, when Wi-Fi is on, you receive notifications in the Status bar anytime your phone detects an available Wi-Fi network. You can deactivate this feature if you do not want to receive notifications.

1. From the Home screen, touch **➔ Settings ➔ Wireless and networks ➔ Wi-Fi settings**.
2. Touch **Network notification**. A check mark displayed next to the feature indicates Network notification is active.
3. Touch **Network notification** again to remove the check mark and deactive this feature.

WPS Button Connection

The WPS (Wi-Fi Protected Setup) button is a standard for easy and secure wireless network set up and connections. To use WPS, the connecting device must support WPS and be compatible with Wi-Fi Protected Access (WPA) security. WPS can automatically set up a random network name and WPA wireless security for wireless Wi-Fi phones, routers, access points, computers, adapters, and other electronic devices.

WPS allows you to push buttons instead of entering a network name and wireless security PIN.

1. From the Home screen, touch **➔ Settings ➔ Wireless and networks ➔ Wi-Fi settings**.
2. Touch **WPS button connection**.
3. Prses the WPS button on your Wi-Fi access point within 2 minutes.

Adding a Wi-Fi Network

1. From the Home screen, touch **➔ Settings ➔ Wireless and networks ➔ Wi-Fi settings**.
2. Touch **Wi-Fi** to turn it on.
3. Touch **Add Wi-Fi network**.
4. Enter the SSID (Service Set Identifier) and Security settings then touch **Save**.

Note: An SSID is a unique key which identifies a wireless LAN. Its purpose is to stop other wireless equipment from accessing your LAN — whether accidentally or intentionally. To communicate, wireless devices must be configured with the same SSID.

Bluetooth settings

In this menu you can activate Bluetooth, view or assign a device name, activate your phone so other Bluetooth devices can discover it, or scan for other, available Bluetooth devices with which to pair.

Activating Bluetooth

- From the Home screen, touch → **Settings** → **Wireless and networks** → **Bluetooth settings** and touch **Bluetooth** to turn it on.

Note: Bluetooth must be enabled prior to use.

Activating the Device Name

1. Activate Bluetooth. For more information, refer to *"Activating Bluetooth"* on page 130.
2. From the Home screen, touch → **Settings** → **Wireless and networks** → **Bluetooth settings** and touch **Device name**. The assigned device name displays.
3. Press to erase the current device name and enter a new name for this device using the keyboard.
4. Press **OK** to confirm your setting.

Activating Visibility

- From the Home screen, touch → **Settings** → **Wireless and networks** → **Bluetooth settings** and touch **Visible**. The phone is now activated for discovery for 119 seconds so you can pair with another device. After 119 seconds the phone becomes undiscoverable again.

Scanning for Devices

This option allows you to scan for active Bluetooth devices so you can pair with them.

1. From the Home screen, touch → **Settings** → **Wireless and networks** → **Bluetooth settings** and touch **Scan devices**. Your phone begins scanning and lists any discovered devices in the Bluetooth devices section.
2. Touch a device name to pair with the device.

Important!: Some Bluetooth devices are secured and require a PIN number to confirm and pair with them.

3. Enter a PIN to pair with the device, if one is required, and touch **OK**.

VPN settings

The VPN settings menu allows you to set up and manage Virtual Private Networks (VPNs).

Important!: Before you can use a VPN you must establish and configure one.

Adding a VPN

Before you add a VPN you must determine which VPN protocol to use: PPTP (Point-to-Point Tunneling Protocol), L2TP (Layer 2 Tunneling Protocol), L2TP/IPSec PSK (Pre-shared key based L2TP/IPSec), or L2TP/IPSec CRT (Certificatre based L2TP/IPSec).

1. From the Home screen, touch **➔ Settings ➔ Wireless and networks ➔ VPN settings**.
2. Touch **Add VPN**.

To establish a PPTP (Point-to-Point Tunneling Protocol):

1. Establish a VPN name (a name for this connection).
2. Set the VPN server.
3. Enable encryption (if desired).
4. Set the DNS search domains.

To establish a L2TP (Layer 2 Tunneling Protocol):

1. Establish a VPN name (a name for this connection).
2. Set the VPN server.
3. Enable L2TP secret.
4. Set L2TP secret.
5. Set the DNS search domains.

To establish a L2TP/IPSec PSK (Pre-shared key based L2TP/IPSec):

1. Establish a VPN name (a name for this connection).
2. Set the VPN server.
3. Set IPSEc pre-shared key.
4. Enable L2TP secret.
5. Set L2TP secret.
6. Set the DNS search domains.

To establish a L2TP/IPSec CRT (Certificatre based L2TP/IPSec):

1. Establish a VPN name (a name for this connection).
2. Set the VPN server.
3. Enable L2TP secret.
4. Set L2TP secret.

5. Set user certificate. **Note**: A user certificate must be installed to use this setting.
6. Set CA certificate. **Note**: A CA certificate must be installed to use this setting.
7. Set the DNS search domains.

Mobile networks

Before you use applications such as Google Maps and find your location or search for places of interest, you must enable the Mobile networks options.

▶ From the Home screen, touch **➔ Settings ➔ Wireless and networks ➔ Mobile networks**.

The following options display:

Data Roaming

Data roaming allows you to connect to your service provider's partner networks and access data services when you are out of your service providers area of coverage.

1. From the Home screen, touch **➔ Settings ➔ Wireless and networks ➔ Mobile networks**.
2. Touch **Data roaming**.

Access Point Names

To use Wi-Fi you need access to a wirless access point (hotspot).

▶ From the Home screen, touch **➔ Settings ➔ Wireless and networks ➔ Mobile networks ➔ Access Point Names**.

A list of the Access point names display. The active access point displays a bright green, filled circle to the right of the name.

Using the 2G (EDGE) Network

If you are not using applications that require the 3G network speed (any application that accesses the network or uses a browser), using the 2G network saves battery life.

1. From the Home screen, touch **➔ Settings ➔ Wireless and networks ➔ Mobile networks**.
2. Touch **Use only 2G networks**.

   A check mark displays next to this option to indicate that it is active.

Note: Connecting to 2G networks slows the data transfer speed and time.

Network Operators

Using this feature you can view the current network connection. You can also scan and select a network operator manually, or set the network selection to Automatic.

1. From the Home screen, touch **→ Settings → Wireless and networks → Mobile networks**.
2. Touch **Network operators**.

   The current network connection displays at the bottom of the list.

Important!: You must deactivate data service prior to seraching for an available network.

3. Touch **Search now** to manually search for a network.
4. Touch **Select automatically** to automatically select a network connection.

Note: Connecting to 2G networks slows the data transfer speed and time.

Default Setup Options

Your phone default is set to Automatic (to automatically search for an available network. You can set this option to Manual to select a network each time you connect.

1. From the Home screen, touch **→ Settings → Wireless and networks → Mobile networks**.
2. Touch **Network operators**.
3. Touch **Default setup**.
4. Touch **Manual** to locate and connect to a network manually, or touch **Automatic** to allow the device to automatically select a network.

Call Settings

To access the Call settings menu:

- From the Home screen, touch **→ Settings → Call settings**.

Configuring General Call Settings

Configure the general call settings using this option.

1. From the Home screen, touch **→ Settings → Call settings → All calls**.

2. Touch one of the following options:

- **Show my number**: allows you to select how your ID is handled when an outgoing call is initiated.
- **Auto reject**: sets the phone to automatically reject incoming calls or messages.
- **Answering call**: selects how your phone answers incoming calls. Enable Answering mode, then select one of the following methods for answering the phone:
  - **Answering key** allows you to press a key to answer the phone.
  - **Automatic answering** automatically answers after a period of time. Selections are: Off, after 1 second, after 2 seconds, after 4 seconds, or after 5 seconds.
- **Prefix dialling**: when activated, this feature automatically prepends a string of numbers (such as an area code) to any dialed number. This feature is useful for international dialing, or dialing within an area code where all the calls you make for a period of time use one prefix. For more information, refer to *"Prefix Dialing"* on page 43.
- **Reject call with message**: allows you to send a mesage immediately after rejecting a call.
- **Call status tones**: sets a tone to play for the following status tones: Call connect tone, Minute minder, or Call end tone. Touch each type of status tone you want to play.
- **Alerts on call**: activates an alert tone for new messages being received during an active call.

Configuring Voice Calls

To configure voice calls:

1. From the Home screen, touch → **Settings** → **Call settings** → **Voice call**.
2. Touch one of the following options:
   - **Always forward**: incoming calls are re-routed to a secondary number that you specify.
   - **Forward when busy**: forwards all your calls to voicemail when your phone is busy.
   - **Forward when unananswered**: automatically forwards to your voicemail number when the phone is not answered, and otherwise allows you to enter a voicemail number.
   - **Forward when unreachable**: automatically forwards to your voicemail number when the phone is not in service, or is turned off.

Fixed Dialing Numbers

Fixed Dial Number (FDN), allows you to restrict outgoing calls to a limited set of phone numbers.

Enabling FDN

1. From the Home screen, touch → **Settings** → **Call settings** → **Fixed Dialing Numbers**.
2. Touch **Enable FDN**.
3. At the prompt, enter your PIN2 code and touch **OK**.

Important!: Not all SIM cards use a PIN2 code. If your SIM card does not, this menu does not display.

The PIN2 code is provided by your carrier. Entering an incorrect PIN2 code could cause the phone to lock. Contact customer service for assistance.

Changing the PIN2 Code

1. From the Home screen, touch → **Settings** → **Call settings** → **Fixed Dialing Numbers**.
2. Touch **Change PIN2**.
3. At the prompt, enter your old PIN2 code.
4. At the prompt, enter a new PIN2 code.
5. Confirm your PIN2 code.

Important!: Not all SIM cards use a PIN2 code. If your SIM card does not, this menu does not display.

The PIN2 code is provided by your carrier. Entering an incorrect PIN2 code could cause the phone to lock. Contact customer service for assistance.

Managing the FDN List

When this feature is enabled, you can make calls only to phone numbers stored in the FDN list on the SIM card.

1. From the Home screen, touch → **Settings** → **Call settings** → **Fixed Dialing Numbers**.
2. Touch **FDN list** then touch → **Add contact** or edit the contacts that were stored.
3. Touch **Enable FDN**.
4. At the prompt, enter your PIN2 code and touch **OK**.

   FDN is enabled.

Important!: Not all SIM cards use a PIN2 code. If your SIM card does not, this menu does not display.

The PIN2 code is provided by your carrier. Entering an incorrect PIN2 code could cause the phone to lock. Contact customer service for assistance.

Voicemail

You can view your voicemail number from this menu.

1. From the Home screen, touch ➔ **Settings** ➔ **Call settings** ➔ **Voicemail** ➔ **Voicemail**.
2. Touch **Voicemail number**.
3. Touch **OK**.

HAC Mode

This menu is used to activate or deactivate Hearing Aid Compatibility for this device.

1. From the Home screen, touch ➔ **Settings** ➔ **Call settings** ➔ **HAC mode**.
2. Touch **On** to activate the feature, or **Off** to deactivate the feature. Off is the default setting.

Sound and Display

From this menu you can control the sounds on the phone as well as configure the display settings.

▶ From the Home screen, touch ➔ **Settings** ➔ **Sound and display**.

The following options display:

Silent mode

Silent mode is convenient when you wish to stop the phone from making noise, in a theater for example. In Silent Mode the speaker is muted and the phone only vibrates to notify you of incoming calls, or other functions that normally have a defined tone or sound as an alert.

1. From the Home screen, touch ➔ **Settings** ➔ **Sound and display**.
2. Touch **Silent mode**.

   – or –
3. From the Home screen, press the **Lock** key until **Phone options** displays.
4. Touch **Silent mode** to activate or deactivate this mode (the current mode displays).

Adjusting the Ringer volume

There are multiple ways to adjust the ringer volume.

1. From the Home screen, press the **Down** Volume key.

– or –

2. From the Home screen, touch ➔ **Settings** ➔ **Sound and display**.
3. Touch **Ringer volume**.
4. Touch and drag the slider to adjust the sound for the **Incoming call volume** and touch **OK**.
5. Touch and drag the slider to adjust the sound for the **Notification volume** and touch **OK**.

Setting Media Volume

This sets the volume levels for playing music and videos.

1. From the Home screen, touch ➔ **Settings** ➔ **Sound and display**.
2. Touch **Media volume**.
3. Touch and drag the slider to adjust the sound for the **Media volume** and touch **OK**.

Setting System Volume

This sets the volume levels for feedback and also controls sound when you power the phone on or off.

1. From the Home screen, touch ➔ **Settings** ➔ **Sound and display**.
2. Touch **System volume**.
3. Touch and drag the slider to adjust the sound for the **System volume** and touch **OK**.

Setup the Voice Call Ringtone

1. From the Home screen, touch ➔ **Settings** ➔ **Sound and display**.
2. Touch **Voice call ringtone**.
3. Touch a ringtone and touch **OK**.

Setup Phone Vibration

1. From the Home screen, touch ➔ **Settings** ➔ **Sound and display**.
2. Touch **Phone vibrate** to activate vibration mode. A check mark displayed next to the feature indicates phone vibration is active.

Setting a Notification Ringtone

1. From the Home screen, touch ➔ **Settings** ➔ **Sound and display**➔ **Notification ringtone**.
2. Touch one of the ringtones and touch **OK**.

Audible Tone Settings

The Audible touch tones and Audible selection options are used when you use the dialing pad or making a screen selection. Each time you press a key or make a selection the selected tone sounds.

1. From the Home screen, touch ➔ **Settings** ➔ **Sound and display**.
2. Touch **Audible touch tones** or **Audible selection**. A check mark displayed next to these features indicates active status.

Haptic Feedback and Vibration Intensity

Instead of sounding a tone, the Haptic feedback option vibrates when you press soft keys on certain screens. You can also set the intensity of the vibration using the Vibration intensity setting.

1. From the Home screen, touch ➔ **Settings** ➔ **Sound and display**.
2. Touch **Haptic feedback**. A check mark displayed next to the feature indicates Haptic feedback is active.
3. Touch **Vibration intensity** then touch and drag the slider to adjust the vibration intensity, then touch **OK**.

Configuring SD Card Notifications

This option plays a sound when you receive memory card (SD) notifications.

1. From the Home screen, touch ➔ **Settings** ➔ **Sound and display**.
2. Touch **SD card notifications**. A check mark displayed next to the feature indicates SD card notifications is active.

Display Settings

In this menu, you can change various settings for the display such as the font, orientation, pop-up notifications, puzzle lock feature, animation, brightness, screen timeout, power saving mode, and tv out settings.

1. From the Home screen, touch → **Settings** → **Sound and display**.

   The following options display:

   - **Font style**: sets the fonts used on the LCD display. Selections are: Default font, Choco cooky, Cool jazz, and Rosemary. Touch Get fonts online to download additional fonts.
   - **Orientation**: When you set the Orientation setting to On, the phone automatically switches from portrait to landscape orientation and vice versa. When this setting is set to Off, then the phone displays in portrait mode only.
   - **Puzzle lock**: when selected puzzle pieces display on the lock screen for messages and missed calls. Slide the puzzle piece into the matching slot to view the message or missed call information.
   - **Animation**: determines whether some or all of the window elements animate. Selections are: Some animations, or All animations.
   - **Brightness**: configures the LCD Brightness levels. Touch Automatic brightness to allow the phone to self-adjust and touch OK.
   - **Screen timeout**: adjusts the delay time before the screen automatically turns off. Selections are: 15 seconds, 30 seconds, 1 minute, 2 minutes, 10 minutes, and 30 minutes.

Power Saving Mode

This mode allows you to save power because the phone analyzes the displayed screen image and adjusts the LCD brightness.

1. From the Home screen, touch → **Settings** → **Sound and display**.
2. Touch **Power Saving mode** to activate the feature. A check mark displayed next to the feature indicates Power Saving mode is active.

Connecting your Phone to the TV

TV out

This feature allows you to connect your phone to your television (using an optional cable) and view any imaged stored on the phone and view it directly on your television.

Note: The TV system (NTSC) option is used if you are connecting to an older, analog NTSC system.

To use the TV out feature:

1. From the Home screen, touch → **Settings** → **Sound and display** → **TV out**.

2. Touch one of the following options:
   - **TV out**: to play all of the phone's video output through the TV-out feature.
   - **TV system** : to play the phone's video out through an analog TV video system converter (NTSC/PAL).

Note: PAL or NTSC is usually used in Europe.

Location and Security

The Location and Security settings allow you to configure phone location and security settings.

Using Wireless Networks

Before you use applications such as Google Maps and find your location or search for places of interest, you must enable the Use wireless networks option or enable the GPS satellites.

1. From the Home screen, touch → **Settings** → **Location and security**.
2. Touch **Use wireless networks** to enable location information using the wireless network.

Enabling the GPS Satellites

1. From the Home screen, touch → **Settings** → **Location and security**.
2. Touch **Use GPS satellites** enable the GPS satellite.

Screen Unlock Pattern Settings

To secure data and limit phone access, set the phone to require a screen unlock pattern each time you turn on the device, or every time the phone wakes up from sleep mode (when the screen automatically turns off).

Setting an Unlock Pattern

Creating a screen unlock pattern increases security on the phone. When you enable the User visible pattern field, you will draw an unlock pattern on the screen whenever you want to unlock the phone's buttons or touch screen. When you activate the User tactile feedback field, you feel vibration as feedback while drawing the pattern.

Note: Make sure the Require Pattern field is activated.

1. From the Home screen, touch → **Settings** → **Location and security**.
2. Touch **Set unlock pattern**.

3. Read the instructions then touch **Next**.
4. Read the instructions and touch **Next** when you are ready to draw a pattern.
5. Draw a pattern (connecting at least four dots) then touch **Continue**.
6. Draw the pattern again to confirm and touch **Confirm**. The Unlock pattern is set.

Activating Require Pattern

Turning on the Require Pattern option protects your phone from unauthorized use by creating a personal screen unlock pattern.

Using Visible a Pattern

When enabled, this feature displays the text entered into the password field.

Using Tactile Feedback

When enabled, the User tacticle feedback option, you will feel vibration as feedback while drawing the pattern.

Setting up SIM Card Lock

Prevent another user from using your SIM card to make unauthorized calls or from accessing information stored on your SIM card by protecting the information using a PIN code.

1. From the Home screen, touch → **Settings** → **Location and security**.
2. Touch **Set up SIM card lock**.
3. Touch **Lock SIM card**, enter your SIM PIN code, then touch **OK**.

Note: You must activate Lock SIM card before you can change your SIM PIN code.

4. Touch **Change SIM PIN**.
5. Enter the old SIM PIN code and touch **OK**.
6. Enter the new SIM PIN code and touch **OK**.
7. Re-type the new SIM PIN code and touch **OK**.

Password Settings

When you create a phone password you can also configure the phone to display the password as you type it instead of using an asterisk (*).

1. From the Home screen, touch → **Settings** → **Location and security**.
2. Touch **Visible passwords** to activate this feature.

Credential Storage

This option allows certain applications to access secure certificates and other credentials. Certificates and credentials can be installed to the SD card and password protected.

1. From the Home screen, touch ➔ **Settings** ➔ **Location and security**.
2. Touch **Use secure credentials** to activate this feature. A check mark displayed next to the feature indicates secure credentials is active.
3. Touch **Install encrypted certificates from SD card** to install encrypted certificates from the memory (SD) card.
4. Touch **Set password** to set or change the credential storage password.
5. Touch **Clear storage** to clear the storage (SD card or phone memory) of all contents and reset the credentials password.

Applications

This device can be used for Android development. You can write applications in the SDK and install them on this device, then run the applications using the hardware, system, and network. This feature allows you to configure the device for development.

Warning!: Android Dev Phone 1 devices are not intended for non-developer end-users. Because the device can be configured with system software not provided by or supported by Google or any other company, end-users operate these devices at their own risk.

Unknown Sources

Before you can download a web application you must insert a memory card into the phone and enable the Unknown sources feature (enables downloading). Developers can use this option to install non-Market applications.

1. From the Home screen, touch ➔ **Settings** ➔ **Applications**.
2. Touch **Unknown sources** to active this feature.

Managing Applications

This feature allows you to manage installed applications. You can view and control currently running services, or use the device for application development.

You can also view the amount of memory or resources used as well as the remaining memory and resources for each of the applications on your phone and clear the data, cache, or defaults.

- From the Home screen, touch ➔ **Settings** ➔ **Applications** ➔ **Manage applications**.

Clearing Application Cache and Data

Important!: You must have downloaded applications installed to use this feature.

1. From the Home screen, touch ➔ **Settings** ➔ **Applications** ➔ **Manage application**.
2. Touch an application in which to clear the cache or data.
3. Touch **Clear cache**, **Clear defaults**, **Force stop**, or **Show all**.

Uninstalling Third-party Applications

Important!: You must have downloaded applications installed to use this feature.

1. From the Home screen, touch ➔ **Settings** ➔ **Applications** ➔ **Manage applications**.
2. Touch **My downloads**.
3. Touch the application you want to uninstall and touch **Uninstall**.
4. At the prompt, touch **OK** to uninstall the application.
5. Select a reason for uninstalling the application, then touch **OK**.

Running Services

The Running services option allows you to view and control currently running services such as Daily Briefing, DataService, Google Talk, SNS (messaging), Swype, and more.

Placeholder: need more information.

Android Development

▶ From the Home screen, touch → **Settings** → **Applications** → **Development**.

Important!: These features are used for development purposes only.

USB Debugging

This feature is used for development purposes only.

Setting the Device to Stay Awake

To share this devices internet with your laptop or computer through the USB port, you must use a screen saver to keep the device awake. Without a screen saver, the phone will disconnect from a Wi-Fi, 2G (Edge), or 3G connection. Use the Stay awake option to keep the phone awake so you can share the internet.

This feature is used for Android application development.

Note: The phone will not go into sleep mode while charging when this feature is activated.

Allowing Mock Locations

This feature is used for development purposes only.

If you are a developer who is testing a GPS applications using this device, you can tell the device that the phone is at different GPS locations. In other words, the phone is allowed to "mock" the coordinates.

USB Settings

This menu selects the method of communication for the USB port.

Note: Before initiating a USB connection with the phone you must disable the Bluetooth feature, and/or USB debugging feature.

1. From the Home screen, touch → **Settings** → **Applications** → **USB settings**.
2. Select one of the following USB modes:
   - **Samsung Kies**: a software suite that allows you to search and download applications directly from a PC. The applications are then installed onto a mobile device when synced with a PC, providing instant back up and peace of mind for application downloads. For more information, refer to *"PC Connections"* on page 121.

- **Media player**: connects your device to a PC in order to synchronize files with Windows Media Player. For more information, refer to *"Synchronizing with Windows Media Player"* on page 121.
- **Mass storage**: allows you to use the onboard storage capacity of the phone to store and upload files. This option allows your computer to detect the phone as a removable storage drive. For more information, refer to *"Connecting as a Mass Storage Device"* on page 122.
- **Ask on connection**: asks for a connection type when you connect to a computer.

Accounts & syncronization

1. Sign in to your Google account.
2. From the Home screen, touch ➔ **Settings** ➔ **Accounts and sync**.
3. From the General sync settings section, touch one of the following options:
   - **Background data**: allows your phone to use data in the background.
   - **Auto-sync**: automatically synchronizes your data with the phone.

Privacy Settings

Location settings, backup configurations, or reset the phone to erase all personal data.

▶ From the Home screen, touch ➔ **Settings** ➔ **Privacy**.

Using My Location

When using applications such as Google Maps, the device uses your current location as the starting point.

1. From Idle mode, touch ➔ **Settings** ➔ **Privacy**.
2. Touch **Use my location**. A check mark displayed next to the feature indicates Use My Location is active.

Factory Data Reset

From this menu you can reset your phone and sound settings to the factory default settings.

1. From Idle mode, touch ➔ **Settings** ➔ **Privacy**.
2. Touch **Factory data reset** then touch **Reset phone**, enter your password, then select **Yes** to confirm.
   The phone resets to the factory default settings automatically and when finished displays the Home screen.

SD Card & Phone Storage

From this menu you can view the memory allocation for the memory card as well as mount or unmount the SD card.

For more information about mounting or unmounting the SD card, see *"Using the SD Card"* on page 39.

To view the memory allocation for your external SD card:

1. From the Home screen, touch → **Settings** → **SD card and phone storage**.The available memory displays under the Total space and Available space headings.

Search Settings

Use the search settings to configure parts of Google Web search (for example, whether Google makes suggestions below the Quick Search Box as you type), and what phone features you want to include in the searches.

1. From the Home screen, touch → **Settings** → **Search**.
2. Touch **Google search settings**.
3. Set up a Google account for this device (if you have not already set one up).
4. Touch one of the following search settings:
   - **Google search settings**: displays the Google search preferences settings.
   - **Show web suggestions**: includes search matches from Google's online search engine.
   - **Search history**: determines whether to include perosnalize search history results in the list.
   - **Manage search history**: manages the personalized search history associated iwth your Google account.
   - **Searchable items**: displays a screen to select search categories included in the device searches such as: **Apps**, **Contacts**, **Browser**, **Slacker**, **YouTube**, **Music Player**, **or Dialer**.
   - **Clear search shortcuts**: erases the history for recently selected search results.

Language & Keyboard Settings

This setting allows you to configure the language in which to display the menus. You can also set on-screen keyboard options.

▶ From the Home screen, touch → **Settings** → **Locale and text**.

Language Settings

To set the language that the menus display on the phone:

1. From the Home screen, touch → **Settings** → **Locale and text** → **Select locale**.
2. Select a language and region from the list.

Seting up the Default Keyboard

There are two input methods available: Swype and Samsung keypad. Swype is the default text input method, however, you can configure the phone to use the Samsung keypad for predictive text, ABC mode, Symbols, or numbers.

▶ From the Home screen, touch → **Settings** → **Locale and text** → **Set default keyboard**.

Swype Settings

To configure Swype settings:

1. From the Home screen, touch → **Settings** → **Locale and text** → **Swype**.
2. Touch one of the following Swype settings to activate the setting:
   - **Language**: allows you to select the current text input language. Default language is US English.
   - **Auto-spacing**: automatically inserts a space between words. When you finish a word, just lift your finger or stylus and start the next word.
   - **Auto-capitalization**: automatically capitalizes the first letter of a sentence.
   - **Word Prediction**: uses a built-in word database to predict words while entering text in Swype.
   - **Enable Tip Indicator**: turns on an on-screen flashing indicator that provides helpful user information.
   - **Audio Feedback**: turns off sounds generated by the Swype application.
   - **Vibrate on keypress**: activates a vibration sensation as you enter text using the keypad.

Operation settings

Operation settings provide access to Swype operation parameters.

- **Display Trace**: sets the length of time the word trace line remains on-screen as you swipe across the screen. Move the slider between Shorter or Longer and touch OK.
- **Word Choice Window**: sets the amount of times the word choice selection window displays on screen. Move the slider between Never or Always and touch OK.
- **Speed vs. Accuracy**: sets how quickly Swype responds to on-screen input. Move the slider between Fast Response (speed) or Error Tolerant (accuracy) and touch OK.
- **Auto -select word after**: sets the time period that must pass before the first word automatically inserts. Move the slider between 3 secs or 20 secs and touch OK.

Samsung Keyboard Settings

From this menu you can set on-screen keyboard options.

1. From the Home screen, touch **➔ Settings ➔ Locale and text ➔ Set default keyboard ➔ Samsung keypad**.
2. Touch **Samsung keypad ➔ Keypad types** and select a text input method:
   - Qwerty Keypad
   - 3x4 Keypad
3. Touch **Writing language** and touch **Automatic**, or touch one of the language types.
4. Touch **XT9** to use XT9 Predictive text method. For more information, refer to *"XT9 Advanced Settings"* on page 148.
5. Touch the **Keypad sweeping** field if you want to sweep the keypad and change from ABC to ?123 mode. **For more information, refer to** *"Text Input Methods"* on page 52.
6. Touch the **Auto-capitalization** field to automatically capitalize the first letter of a sentence.
7. Touch the **Tutorial** field to view a short tutorial on use of the Samsung keyboard.

XT9 Advanced Settings

The following XT9 Advanced settings are available when the XT9 field is selected.

1. Touch the **XT9** field to select XT9 (predictive text) mode, then touch **XT9 advanced settings**.
2. Touch the **Word completion** field to enable word completion. Your phone predicts how to complete the word typed.
3. Touch the **Word completion point** field then touch **2 letters**, **3 letters**, **4 letters**, or the **5 letters** radio button. Word completion begins after 2 or more (depending on your selection).
4. Touch the **Spell correction** field. This option corrects typographical errors by selecting from a list of possible words that reflect the characters of the keys you touched as well as the characters of nearby keys.
5. Touch the **Next word prediction** field to enable word prediction.

6. Touch the **Auto-append** field to automatically add predictions.
7. Touch the **Auto-substitution** field to automatically replace words that you are typing. This option assists with correcting misspelled words.
8. Touch the **Regional correction** field. This option sets the device to automatically correct mistyped words according to normal spelling for your region.
9. Touch the **Recapture** field. This option sets the device to re-display the word suggestion list when you select the wrong word from the list.
10. To add a new word to the T9 dictionary:
    Touch the **XT9 my words** field, then touch ➔ **Add**.
    Enter the new word in the **Register to XT9 my words** field, then touch **Done**.
11. Touch **XT9 auto-substitution t**o add words to substitute (for example youve becomes you've). A list of substitutions displays.
12. If you do not see the substitution you want, touch ➔ **Add**, then input the Shortcut word and Substitution word.
13. Touch **Done**.

Android Keyboard Settings

From this menu you can set Android keyboard options.

1. From the Home screen, touch ➔ **Settings** ➔ **Locale and text** ➔ **Android keyboard**.
2. Touch one of the following options:
    - **Vibrate on keypress**: activates a vibration sensation as you enter text using the keypad.
    - **Sound on keypress**: activates a sound as your enter text using the keypad.
    - **Auto-capitalization**: automatically capitalizes the first letter of a sentence.
    - **Voice input**: when checked, enters text using voice input.
    - **Quick fixes**: check this field to automatically correct common misspellings as you type.
    - **Show suggestions**: displays suggested words in a field above the keyboard as you type.
    - **Auto-complete**: automatically enters a suggested word, displayed in the field above the keyboard, when you enter a space or punctuation.

Accessibility Settings

This service is able to collect all the text you type, including personal data credit card numbers except passwords. It may also log your user inteface interactions. It comes from the applications such as KickBack, SoundBack, and TalkBack.

1. From the Home screen, touch ➔ **Settings** ➔ **Accessibility**.
2. Touch **Accessibility** to activate the feature, then select the services for which you want data to log.

Configuring Text-to-speech

This feature allows the device to provide a verbal readout of on-screen data such as messages and incoming caller information.

1. From the Home screen, touch ➔ **Settings** ➔ **Text-to-speech**.
2. Configure the available options to alter the settings associated with this feature:
   - **Listen to an example**: plays a short example of what the text-to-speech feature sounds like on your device when activated.
   - **Install voice data**: confirms the installation of necessary data required for voice synthesis.
   - **Driving mode**: incoming calls and new norifications are automatically ready out loud.
   - **Always use my settings**: accepts an override of application settings with personal configurations for this text-to-speech settings screen. If enabled, your device defaults to using the text-to-speech feature.
   - **Speech rate**: adjusts the rate at which on-screen text is spoken by the device. Choose from: **Very slow**, **Slow**, **Normal**, **Fast**, and **Very fast**.
   - **Language**: assigns the language used for verbal readout. Choose from American English or Spanish.

Date and Time

This menu allows you to change the current time and date displayed.

1. From the Home screen, touch ➔ **Settings** ➔ **Date and time**.
2. Touch **Automatic** to allow the network set the date and time.

Important!: Deactivate **Automatic** to manually set the rest of the options.

3. Touch **Set date** and use the plus or minus icons to set the **Month**, **Day**, and **Year** then touch **Set**.
4. Touch **Select time zone**, then touch a time zone.

5. Touch **Set time** and use the plus or minus icons, set **Hour**, and **Minute**. Touch **PM** or **AM**, then touch **Set**.
6. Optional: Touch **Use 24-hour format**. If this is not selected the phone automatically uses a 12-hou format.
7. Touch **Select date format** and touch the date format type.

About Phone

This menu contains legal information, system tutorial information, and other phone information such as the model number, firmware version, baseband version, kernal version, and software build number.

To access phone information:

▶ From Idle mode, touch → **Settings** → **About phone**.

The following information displays:

- **Status**: displays the battery status, the level of the battery (percentage), the phone number for this device, the network connection, signal strength, mobile network type, service state, roaming status, mobile network state, IMEI number, IMEI SV, Wi-Fi MAC address, Bluetooth address, and Up time.
- **Battery use**: displays the applications or services (in percentages) that are using battery power.
- **Legal Information**: This option displays information about Open source licenses as well as Google legal information. This information clearly provides copyright and distribution legal information and facts as well as Google Terms of Service, Terms of Service for Android-powered Phones, and much more pertinent information as a reference.
  Read the informatio and terms, then press BACK to return to the Settings menu.
- **System Tutorial**: provides a quick, online tutorial that walks you through basic phone features. Read the on-screen information and follow the system prompts.
- **Model Number**: displays the phone's model number (Behold II).
- **Firmware version**: displays the firmware version loaded on this handset.
- **Baseband version**: displays the baseband version loaded on this handset.
- **Kernal version**: displays the kernal version loaded on this handset.
- **Build number**: displays the software, build number.

Note: Firmware, baseband, kernal and build numbers are usually used for updates to the handset or support. For additional information please contact your T-Mobile service representative.

Software Update

The Software Update feature enables you to use your phone to connect to the network and upload any new phone software directly to your phone. The phone automatically updates with the latest available software when you access this option.

▶ From Idle mode, touch ➔ **Settings** ➔ **Software update**.

The phone automatically updates the software (if available).

Section 13: Health and Safety Information

This section outlines the safety precautions associated with using your phone. These safety precautions should be followed to safely use your phone.

Health and Safety Information

Exposure to Radio Frequency (RF) Signals

Certification Information (SAR)

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the exposure limits for radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. government.

These FCC exposure limits are derived from the recommendations of two expert organizations, the National Counsel on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE).

In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The exposure limit set by the FCC for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR is a measure of the rate of absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC requires wireless phones to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg).

The FCC exposure limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

SAR tests are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a new model phone is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC. Tests for each model phone are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC.

For body worn operation, this phone has been tested and meets FCC RF exposure guidelines when used with an accessory that contains no metal and that positions the handset a minimum of 1.5 cm from the body.

Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

The FCC has granted an Equipment Authorization for this mobile phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. The maximum SAR values for this model phone as reported to the FCC are:

GSM 850

- Head: 0.14 W/Kg.
- Body-worn: 0.39 W/Kg.

GSM 1900

- Head: 0.47 W/Kg.
- Body-worn: 0.77 W/Kg.

UMTS IV

- Head: 0.66 W/Kg.
- Body-worn: 0.49 W/Kg.

UMTS II

- Head: 0.89 W/Kg.
- Body-worn: 0.92 W/Kg.

2.4 GHz WLAN

- Head: 0.077 W/Kg.
- Body-worn: 0.03 W/Kg.

SAR information on this and other model phones can be viewed online at http://www.fcc.gov/oet/ea. To find information that pertains to a particular model phone, this site uses the phone FCC ID number which is usually printed somewhere on the case of the phone.

Sometimes it may be necessary to remove the battery pack to find the number. Once you have the FCC ID number for a particular phone, follow the instructions on the website and it should provide values for typical or maximum SAR for a particular phone. Additional product specific SAR information can also be obtained at www.fcc.gov/cgb/sar.

Please Note the Following Information When Using Your Handset

1. **WARNING REGARDING DISPLAY**

   The display on your handset is made of glass or acrylic and could break if your handset is dropped or if it receives significant impact. Do not use if screen is broken or cracked as this could cause injury to you.

2. **WARRANTY DISCLAIMER: PROPER USE OF A TOUCH SCREEN HANDSET**

   If your handset has a touchscreen display, please note that a touchscreen responds best to a light touch from the pad of your finger or a non-metallic stylus. Using excessive force or a metallic object when pressing on the touchscreen may damage the tempered glass surface and void the warranty. For more information, please refer to the "Standard Limited Warranty" on page 174.

Samsung Mobile Products and Recycling

Samsung cares for the environment and encourages its customers to recycle Samsung mobile phones and genuine Samsung accessories.

Go to: http://mobile.samsungusa.com/recycling/index.jsp or 1-800-822-8837 for more information.

UL Certified Travel Adapter

The Travel Adapter for this phone has met applicable UL safety requirements. Please adhere to the following safety instructions per UL guidelines.

FAILURE TO FOLLOW THE INSTRUCTIONS OUTLINED MAY LEAD TO SERIOUS PERSONAL INJURY AND POSSIBLE PROPERTY DAMAGE.

IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS.

DANGER - TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS.

FOR CONNECTION TO A SUPPLY NOT IN NORTH AMERICA, USE AN ATTACHMENT PLUG ADAPTOR OF THE PROPER CONFIGURATION FOR THE POWER OUTLET. THIS POWER UNIT IS INTENDED TO BE CORRECTLY ORIENTATED IN A VERTICAL OR HORIZONTAL OR FLOOR MOUNT POSITION.

Consumer Information on Wireless Phones

The U.S. Food and Drug Administration (FDA) has published a series of Questions and Answers for consumers relating to radio frequency (RF) exposure from wireless phones. The FDA publication includes the following information:

What kinds of phones are the subject of this update?

The term wireless phone refers here to hand-held wireless phones with built-in antennas, often called "cell," "mobile," or "PCS" phones. These types of wireless phones can expose the user to measurable radio frequency energy (RF) because of the short distance between the phone and the user's head. These RF

exposures are limited by Federal Communications Commission safety guidelines that were developed with the advice of FDA and other federal health and safety agencies.

When the phone is located at greater distances from the user, the exposure to RF is drastically lower because a person's RF exposure decreases rapidly with increasing distance from the source. The so-called "cordless phones," which have a base unit connected to the telephone wiring in a house, typically operate at far lower power levels, and thus produce RF exposures well within the FCC's compliance limits.

Do wireless phones pose a health hazard?

The available scientific evidence does not show that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe. Wireless phones emit low levels of radio frequency energy (RF) in the microwave range while being used. They also emit very low levels of RF when in the stand-by mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional research. In some cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

What is FDA's role concerning the safety of wireless phones?

Under the law, FDA does not review the safety of radiation-emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless phones are shown to emit radio frequency energy (RF) at a level that is hazardous to the user. In such a case, FDA could require the manufacturers of wireless phones to notify users of the health hazard and to repair, replace or recall the phones so that the hazard no longer exists.

Although the existing scientific data do not justify FDA regulatory actions, FDA has urged the wireless phone industry to take a number of steps, including the following:

- Support needed research into possible biological effects of RF of the type emitted by wireless phones;
- Design wireless phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and
- Cooperate in providing users of wireless phones with the best possible information on possible effects of wireless phone use on human health.

FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of RF safety to ensure coordinated efforts at the federal level. The following agencies belong to this working group:

- National Institute for Occupational Safety and Health
- Environmental Protection Agency
- Federal Communications Commission
- Occupational Safety and Health Administration
- National Telecommunications and Information Administration

The National Institutes of Health participates in some interagency working group activities, as well.

FDA shares regulatory responsibilities for wireless phones with the Federal Communications Commission (FCC). All phones that are sold in the United States must comply with FCC safety guidelines that limit RF exposure. FCC relies on FDA and other health agencies for safety questions about wireless phones.

FCC also regulates the base stations that the wireless phone networks rely upon. While these base stations operate at higher power than do the wireless phones themselves, the RF exposures that people get from these base stations are typically thousands of times lower than those they can get from wireless phones.

Base stations are thus not the primary subject of the safety questions discussed in this document.

What are the results of the research done already?

The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods. Animal experiments investigating the effects of radio frequency energy (RF) exposures characteristic of wireless phones have yielded conflicting results that often cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals.

However, many of the studies that showed increased tumor development used animals that had been genetically engineered or treated with cancer-causing chemicals so as to be pre-disposed to develop cancer in absence of RF exposure. Other studies exposed the animals to RF for up to 22 hours per day. These conditions are not similar to the conditions under which people use wireless phones, so we don't know with certainty what the results of such studies mean for human health.

Three large epidemiology studies have been published since December 2000. Between them, the studies investigated any possible association between the use of wireless phones and primary brain cancer, glioma, meningioma, or acoustic neuroma, tumors of the brain or salivary gland, leukemia, or other cancers. None of the studies demonstrated the existence of any harmful health effects from wireless phones RF exposures.

However, none of the studies can answer questions about long-term exposures, since the average period of phone use in these studies was around three years.

What research is needed to decide whether RF exposure from wireless phones poses a health risk?

A combination of laboratory studies and epidemiological studies of people actually using wireless phones would provide some of the data that are needed. Lifetime animal exposure studies could be completed in a few years.

However, very large numbers of animals would be needed to provide reliable proof of a cancer promoting effect if one exists. Epidemiological studies can provide data that is directly applicable to human populations, but ten or more years' follow-up may be needed to provide answers about some health effects, such as cancer.

This is because the interval between the time of exposure to a cancer-causing agent and the time tumors develop - if they do - may be many, many years. The interpretation of epidemiological studies is hampered by difficulties in measuring actual RF exposure during day-to-day use of wireless phones. Many factors affect this measurement, such as the angle at which the phone is held, or which model of phone is used.

What is FDA doing to find out more about the possible health effects of wireless phone RF?

FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to radio frequency energy (RF). FDA has been a leading participant in the World Health Organization international Electromagnetic Fields (EMF) Project since its inception in 1996.

An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world. The Project has also helped develop a series of public information documents on EMF issues.

FDA and Cellular Telecommunications Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless phone safety. FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations.

CTIA-funded research is conducted through contracts to independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

What steps can I take to reduce my exposure to radio frequency energy from my wireless phone?

If there is a risk from these products - and at this point we do not know that there is - it is probably very small. But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to radio frequency energy (RF).

Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure.

- If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance. For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna.

Again, the scientific data do not demonstrate that wireless phones are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

What about children using wireless phones?

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to radio frequency energy (RF), the measures described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure.

Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000.

They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

Do hands-free kits for wireless phones reduce risks from exposure to RF emissions?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that hands-free kits reduce risks. Hands-free kits can be used with wireless phones for convenience and comfort. These systems reduce the absorption of RF energy in the head because the phone, which is the source of the RF emissions, will not be placed against the head. On the other hand, if the phone is mounted against the waist or other part of the body during use, then that part of the body will absorb more RF energy. Wireless phones marketed in the U.S. are required to meet safety requirements regardless of whether they are used against the head or against the body. Either configuration should result in compliance with the safety limit.

Do wireless phone accessories that claim to shield the head from RF radiation work?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that accessories that claim to shield the head from those emissions reduce risks. Some products that claim to shield the user from RF absorption use special phone cases, while others involve nothing more than a metallic accessory attached to the phone.

Studies have shown that these products generally do not work as advertised. Unlike "hand-free" kits, these so-called "shields" may interfere with proper operation of the phone. The phone may be forced to boost its power to compensate, leading to an increase in RF absorption. In February 2002, the Federal trade Commission (FTC) charged two companies that sold devices that claimed to protect wireless phone users from radiation with making false and unsubstantiated claims.

According to FTC, these defendants lacked a reasonable basis to substantiate their claim.

What about wireless phone interference with medical equipment?

Radio frequency energy (RF) from wireless phones can interact with some electronic devices. For this reason, FDA helped develop a detailed test method to measure electromagnetic interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones. This test method is now part of a standard sponsored by the Association for the Advancement of Medical instrumentation (AAMI). The final draft, a joint effort by FDA, medical device manufacturers, and many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI. FDA has tested wireless phones and helped develop a voluntary standard

sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that no interference occurs when a person uses a compatible phone and a compatible hearing aid at the same time. This standard was approved by the IEEE in 2000.

FDA continues to monitor the use of wireless phones for possible interactions with other medical devices. Should harmful interference be found to occur, FDA will conduct testing to assess the interference and work to resolve the problem.

Additional information on the safety of RF exposures from various sources can be obtained from the following organizations (Updated 1/1/2010):

- FCC RF Safety Program: http://www.fcc.gov/oet/rfsafety/
- Environmental Protection Agency (EPA): http://www.epa.gov/radiation/
- Occupational Safety and Health Administration's (OSHA): http://www.osha.gov/SLTC/radiofrequencyradiation/index.html
- National Institute for Occupational Safety and Health (NIOSH): http://www.cdc.gov/niosh/
- World Health Organization (WHO): http://www.who.int/peh-emf/
- International Commission on Non-Ionizing Radiation Protection: http://www.icnirp.de
- Health Protection Agency: http://www.hpa.org.uk/radiation
- US Food and Drug Administration: http://www.fda.gov/Radiation-EmittingProducts/RadiationEmittingProductsandProcedures/HomeBusinessandEntertainment/CellPhones/default.htm

Road Safety

Your wireless phone gives you the powerful ability to communicate by voice, almost anywhere, anytime. But an important responsibility accompanies the benefits of wireless phones, one that every user must uphold.

When driving a car, driving is your first responsibility. When using your wireless phone behind the wheel of a car, practice good common sense and remember the following tips:

1. Get to know your wireless phone and its features, such as speed dial and redial. If available, these features help you to place your call without taking your attention off the road.
2. When available, use a hands-free device. If possible, add an additional layer of convenience and safety to your wireless phone with one of the many hands free accessories available today.

3. Position your wireless phone within easy reach. Be able to access your wireless phone without removing your eyes from the road. If you get an incoming call at an inconvenient time, let your voice mail answer it for you.
4. Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow, ice and even heavy traffic can be hazardous.
5. Do not take notes or look up phone numbers while driving. Jotting down a "to do" list or flipping through your address book takes attention away from your primary responsibility, driving safely.
6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan calls when your car will be stationary. If you need to make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
7. Do not engage in stressful or emotional conversations that may be distracting. Make people you are talking with aware you are driving and suspend conversations that have the potential to divert your attention from the road.
8. Use your wireless phone to call for help. Dial 9-1-1 or other local emergency number in the case of fire, traffic accident or medical emergencies.
9. Use your wireless phone to help others in emergencies. If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 9-1-1 or other local emergency number, as you would want others to do for you.
10. Call roadside assistance or a special non-emergency wireless assistance number when necessary. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency number.

"The wireless industry reminds you to use your phone safely when driving."

For more information, please call 1-888-901-SAFE, or visit our web-site www.ctia.org.

Important!: If you are using a handset other than a standard numeric keypad, please call 1-888-901-7233.

Provided by the Cellular Telecommunications Internet Association.

Responsible Listening

Caution!: Avoid potential hearing loss.

Damage to hearing occurs when a person is exposed to loud sounds over time. The risk of hearing loss increases as sound is played louder and for longer durations. Prolonged exposure to loud sounds (including music) is the most common cause of preventable hearing loss. Some scientific research suggests that using portable audio devices, such as portable music players and cellular telephones, at high volume settings for long durations may lead to permanent noise-induced hearing loss. This includes the use of headphones (including headsets, earbuds, and Bluetooth or other wireless devices). Exposure to very loud sound has also been associated in some studies with tinnitus (a ringing in the ear), hypersensitivity to sound and distorted hearing.

Individual susceptibility to noise-induced hearing loss and potential hearing problem varies. Additionally, the amount of sound produced by a portable audio device varies depending on the nature of the sound, the device settings, and the headphones that are used. As a result, there is no single volume setting that is appropriate for everyone or for every combination of sound, settings and equipment.

You should follow some commonsense recommendations when using any portable audio device:

- Set the volume in a quiet environment and select the lowest volume at which you can hear adequately.
- When using headphones, turn the volume down if you cannot hear the people speaking near you or if the person sitting next to you can hear what you are listening to.
- Do not turn the volume up to block out noisy surroundings. If you choose to listen to your portable device in a noisy environment, use noise-cancelling headphones to block out background environmental noise. By blocking background environment noise, noise cancelling headphones should allow you to hear the music at lower volumes than when using earbuds.
- Limit the amount of time you listen. As the volume increases, less time is required before you hearing could be affected.
- Avoid using headphones after exposure to extremely loud noises, such as rock concerts, that might cause temporary hearing loss. Temporary hearing loss might cause unsafe volumes to sound normal.
- Do not listen at any volume that causes you discomfort. If you experience ringing in your ears, hear muffled speech or experience any temporary hearing difficulty after listening to your portable audio device, discontinue use and consult your doctor.

You can obtain additional information on this subject from the following sources:

American Academy of Audiology

11730 Plaza American Drive, Suite 300

Reston, VA 20190

Voice: (800) 222-2336

Email: info@audiology.org

Internet: http://www.audiology.org

National Institute on Deafness and Other Communication Disorders

National Institutes of Health

31 Center Drive, MSC 2320

Bethesda, MD 20892-2320

Email: nidcdinfo@nih.gov

Internet: http://www.nidcd.nih.gov/

National Institute for Occupational Safety and Health (NIOSH)

395 E Street, S.W.

Suite 9200

Patriots Plaza Building

Washington, DC 20201

Voice: 1-800-35-NIOSH (1-800-356-4647)

1-800-CDC-INFO (1-800-232-4636)

Outside the U.S. 513-533-8328

Email: cdcinfo@cdc.gov

Internet: http://www.cdc.gov

1-888-232-6348 TTY

Internet: http://www.cdc.gov/niosh/topics/noise/default.html

Operating Environment

Remember to follow any special regulations in force in any area and always switch your phone off whenever it is forbidden to use it, or when it may cause interference or danger.

When connecting the phone or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

As with other mobile radio transmitting equipment, users are advised that for the satisfactory operation of the equipment and for the safety of personnel, it is recommended that the equipment should only be used in the normal operating position (held to your ear with the antenna pointing over your shoulder if you are using an external antenna).

Using Your Phone Near Other Electronic Devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone. Consult the manufacturer to discuss alternatives.

Implantable Medical Devices

A minimum separation of six (6) inches should be maintained between a handheld wireless phone and an implantable medical device, such as a pacemaker or implantable cardioverter defibrillator, to avoid potential interference with the device.

Persons who have such devices:

- Should ALWAYS keep the phone more than six (6) inches from their implantable medical device when the phone is turned ON;
- Should not carry the phone in a breast pocket;
- Should use the ear opposite the implantable medical device to minimize the potential for interference;

- Should turn the phone OFF immediately if there is any reason to suspect that interference is taking place;
- Should read and follow the directions from the manufacturer of your implantable medical device. If you have any questions about using your wireless phone with such a device, consult your health care provider.

For more information see:

http://www.fcc.gov/oet/rfsafety/rf-faqs.html

FCC Hearing-Aid Compatibility (HAC) Regulations for Wireless Devices

On July 10, 2003, the U.S. Federal Communications Commission (FCC) Report and Order in WT Docket 01-309 modified the exception of wireless phones under the Hearing Aid Compatibility Act of 1988 (HAC Act) to require digital wireless phones be compatible with hearing-aids.

The intent of the HAC Act is to ensure reasonable access to telecommunications services for persons with hearing disabilities.

While some wireless phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed a rating system for wireless phones, to assist hearing device users find phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label located on the box.

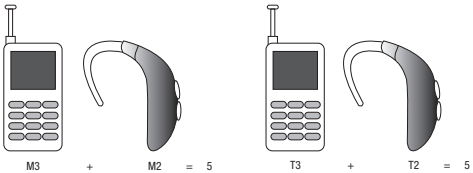
The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. T4 is the better/higher of the two ratings.

Hearing devices may also be rated. Your hearing device manufacturer or hearing health professional may help you find this rating. Higher ratings mean that the hearing device is relatively immune to interference noise. The hearing aid and wireless phone rating values are then added together.

A sum of 5 is considered acceptable for normal use. A sum of 6 is considered for best use.



In the above example, if a hearing aid meets the M2 level rating and the wireless phone meets the M3 level rating, the sum of the two values equal M5. This is synonymous for T ratings. This should provide the hearing aid user with "normal usage" while using their hearing aid with the particular wireless phone. "Normal usage" in this context is defined as a signal quality that is acceptable for normal operation.

The M mark is intended to be synonymous with the U mark. The T mark is intended to be synonymous with the UT mark. The M and T marks are recommended by the Alliance for Telecommunications Industries Solutions (ATIS). The U and UT marks are referenced in Section 20.19 of the FCC Rules.

The HAC rating and measurement procedure are described in the American National Standards Institute (ANSI) C63.19 standard.

HAC/Wi-Fi Language

This phone has been tested and rated for use with hearing aids for some of the wireless technologies that it uses. However, there may be some newer wireless technologies used in this phone that have not been tested yet for use with hearing aids. It is important to try the different features of this phone thoroughly and in different locations, using your hearing aid or cochlear implant, to determine if you hear any interfering noise. Consult your service provider about its return and exchange policies and for information on hearing aid compatibility.

Other Medical Devices

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Switch your phone off in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Switch your phone off in any facility where posted notices require you to do so.

Potentially Explosive Environments

Switch your phone off when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Users are advised to switch the phone off while at a refueling point (service station). Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants or where blasting operations are in progress.

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), areas where the air contains chemicals or particles, such as grain, dust or metal powders, and any other area where you would normally be advised to turn off your vehicle engine.

Emergency Calls

This phone, like any wireless phone, operates using radio signals, wireless and landline networks as well as user-programmed functions, which cannot guarantee connection in all conditions. Therefore, you should never rely solely on any wireless phone for essential communications (medical emergencies, for example).

Remember, to make or receive any calls the phone must be switched on and in a service area with adequate signal strength. Emergency calls may not be possible on all wireless phone networks or when certain network services and/or phone features are in use. Check with local service providers.

To make an emergency call:

1. If the phone is not on, switch it on.

2. From the Home screen, touch . Enter the emergency number for your present location (for example, 911 or other official emergency number), then press

. Emergency numbers vary by location.

If certain features are in use (call barring, for example), you may first need to deactivate those features before you can make an emergency call. Consult this document and your local cellular service provider.

When making an emergency call, remember to give all the necessary information as accurately as possible. Remember that your phone may be the only means of communication at the scene of an accident; do not cut off the call until given permission to do so.

Restricting Children's access to your Phone

Your phone is not a toy. Children should not be allowed to play with it because they could hurt themselves and others, damage the phone or make calls that increase your phone bill.

FCC Notice and Cautions

FCC Notice

The phone may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the phone if such interference cannot be eliminated.

Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association:

NFPA (National Fire Protection Agency)

1 Batterymarch Park

Quincy, Massachusetts

USA 02169-7471

Internet: http://www.nfpa.org

Cautions

Any changes or modifications to your phone not expressly approved in this document could void your warranty for this equipment, and void your authority to operate this equipment. Only use approved batteries, antennas and chargers. The use of any unauthorized accessories may be dangerous and void the phone warranty if said accessories cause damage or a defect to the phone.

Although your phone is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending or sitting on it.

Other Important Safety Information

- Only qualified personnel should service the phone or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the device.
- Check regularly that all wireless phone equipment in your vehicle is mounted and operating properly.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.
- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including both installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If wireless equipment is improperly installed and the air bag inflates, serious injury could result.
- Switch your phone off before boarding an aircraft. The use of wireless phone in aircraft is illegal and may be dangerous to the aircraft's operation.
- Failure to observe these instructions may lead to the suspension or denial of telephone services to the offender, or legal action, or both.

Product Performance

Getting the Most Out of Your Signal Reception

The quality of each call you make or receive depends on the signal strength in your area. Your phone informs you of the current signal strength by displaying a number of bars next to the signal strength icon. The more bars displayed, the stronger the signal.

If you're inside a building, being near a window may give you better reception.

Understanding the Power Save Feature

If your phone is unable to find a signal after searching, a Power Save feature is automatically activated. If your phone is active, it periodically rechecks service availability or you can check it yourself by pressing any key.

Anytime the Power Save feature is activated, a message displays on the screen. When a signal is found, your phone returns to standby mode.

Understanding How Your Phone Operates

Your phone is basically a radio transmitter and receiver. When it's turned on, it receives and transmits radio frequency (RF) signals. When you use your phone, the system handling your call controls the power level. This power can range from 0.006 watts to 0.2 watts in digital mode.

Maintaining Your Phone's Peak Performance

For the best care of your phone, only authorized personnel should service your phone and accessories. Faulty service may void the warranty. There are several simple guidelines to operating your phone properly and maintaining safe, satisfactory service.

- To ensure that the Hearing Aid Compatibility rating for your phone is maintained, secondary transmitters such as Bluetooth and WLAN components must be disabled during a call. For more information, refer to *"Turning Bluetooth On and Off"* on page 117.
- If your phone is equipped with an external antenna, hold the phone with the antenna raised, fully-extended and over your shoulder.
- Do not hold, bend or twist the phone's antenna, if applicable.
- Do not use the phone if the antenna is damaged.
- If your phone is equipped with an internal antenna, obstructing the internal antenna could inhibit call performance.
- Speak directly into the phone's receiver.
- Avoid exposing your phone and accessories to rain or liquid spills. If your phone does get wet, immediately turn the power off and remove the battery. If it is inoperable, call Customer Care for service.

Availability of Various Features/Ring Tones

Many services and features are network dependent and may require additional subscription and/or usage charges. Not all features are available for purchase or use in all areas. Downloadable Ring Tones may be available at an additional cost. Other conditions and restrictions may apply. See your service provider for additional information.

Battery Standby and Talk Time

Standby and talk times will vary depending on phone usage patterns and conditions. Battery power consumption depends on factors such as network configuration, signal strength, operating temperature, features selected, frequency of calls, and voice, data, and other application usage patterns.

Battery Precautions

- Avoid dropping the cell phone. Dropping it, especially on a hard surface, can potentially cause damage to the phone and battery. If you suspect damage to the phone or battery, take it to a service center for inspection.
- Never use any charger or battery that is damaged in any way.
- Do not modify or remanufacture the battery as this could result in serious safety hazards.

- If you use the phone near the network's base station, it uses less power; talk and standby time are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.
- Follow battery usage, storage and charging guidelines found in the user's guide.
- Battery charging time depends on the remaining battery charge and the type of battery and charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time (talk time and standby time) is noticeably shorter than normal, it is time to buy a new battery.
- If left unused, a fully charged battery will discharge itself over time.
- Use only Samsung-approved batteries and recharge your battery only with Samsung-approved chargers. When a charger is not in use, disconnect it from the power source. Do not leave the battery connected to a charger for more than a week, since overcharging may shorten its life.
- Do not use incompatible cell phone batteries and chargers. Some Web sites and second-hand dealers, not associated with reputable manufacturers and carriers, might be selling incompatible or even counterfeit batteries and chargers. Consumers should purchase manufacturer or carrier recommended products and accessories. If unsure about whether a replacement battery or charger is compatible, contact the manufacturer of the battery or charger.
- Misuse or use of incompatible phones, batteries, and charging devices could result in damage to the equipment and a possible risk of fire, explosion, leakage, or other serious hazard.
- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.
- Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions, as you will reduce the capacity and lifetime of the battery. Always try to keep the battery at room temperature. A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0 °C (32 °F).
- Do not place the phone in areas that may get very hot, such as on or near a cooking surface, cooking appliance, iron, or radiator.
- Do not get your phone or battery wet. Even though they will dry and appear to operate normally, the circuitry could slowly corrode and pose a safety hazard.
- Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object (coin, clip or pen) causes a direct connection between the + and - terminals of the battery (metal strips on the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuiting.
- Do not permit a battery out of the phone to come in contact with metal objects, such as coins, keys or jewelry.

- Do not crush, puncture or put a high degree of pressure on the battery as this can cause an internal short-circuit, resulting in overheating.
- Dispose of used batteries in accordance with local regulations. In some areas, the disposal of batteries in household or business trash may be prohibited. For safe disposal options for Li-Ion batteries, contact your nearest Samsung authorized service center. Always recycle. Do not dispose of batteries in a fire.

Care and Maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you fulfill any warranty obligations and allow you to enjoy this product for many years.

- Keep the phone and all its parts and accessories out of the reach of small children.
- Keep the phone dry. Precipitation, humidity and liquids contain minerals that will corrode electronic circuits.
- Do not use the phone with a wet hand. Doing so may cause an electric shock to you or damage to the phone.
- Do not use or store the phone in dusty, dirty areas, as its moving parts may be damaged.
- Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the phone in cold areas. When the phone warms up to its normal operating temperature, moisture can form inside the phone, which may damage the phone's electronic circuit boards.
- Do not drop, knock or shake the phone. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents or strong detergents to clean the phone. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.
- Do not paint the phone. Paint can clog the device's moving parts and prevent proper operation.
- Do not put the phone in or on heating devices, such as a microwave oven, a stove or a radiator. The phone may explode when overheated.
- If your phone is equipped with an external antenna, use only the supplied or an approved replacement antenna. Unauthorized antennas or modified accessories may damage the phone and violate regulations governing radio devices.
- If the phone, battery, charger or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.

Standard Limited Warranty

What is Covered and For How Long?
SAMSUNG TELECOMMUNICATIONS AMERICA, LLC ("SAMSUNG") warrants to the original purchaser ("Purchaser") that SAMSUNG's phones and accessories ("Products") are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase and continuing for the following specified period of time after that date:

Phone	1 Year
Batteries	1 Year
Leather Case	90 Days
Holster	90 Days
Other Phone Accessories	1 Year

What is Not Covered? This Limited Warranty is conditioned upon proper use of Product by Purchaser. This Limited Warranty does not cover: (a) defects or damage resulting from accident, misuse, abnormal use, abnormal conditions, improper storage, exposure to moisture or dampness, neglect, unusual physical, electrical or electromechanical stress, or defects in appearance, cosmetic, decorative or structural items, including framing, and any non-operative parts unless caused by SAMSUNG; (b) defects or damage resulting from excessive force or use of a metallic object when pressing on a touch screen; (c) equipment that has the serial number or the enhancement data code removed, defaced, damaged, altered or made illegible; (d) any plastic surfaces or other externally exposed parts that are scratched or damaged due to normal use; (e) malfunctions resulting from the use of Product in conjunction or connection with accessories, products, or ancillary/peripheral equipment not furnished or approved by SAMSUNG; (f) defects or damage from improper testing, operation, maintenance, installation, service, or adjustment not furnished or approved by SAMSUNG; (g) defects or damage from external causes such as collision with an object, or from fire, flooding, sand, dirt, windstorm, lightning, earthquake, or from exposure to weather conditions, or battery leakage, theft, blown fuse, or improper use of any electrical source; (h) defects or damage caused by cellular signal reception or transmission, or viruses or other software problems introduced into the Product; (j) any other acts which are not the fault of SAMSUNG; or (i) Product used or purchased outside the United States. This Limited Warranty covers batteries only if battery capacity falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if (i)

the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery, (ii) any of the seals on the battery are broken or show evidence of tampering, or (iii) the battery has been used in equipment other than the SAMSUNG phone for which it is specified.

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Precautions for Transfer and Disposal

If data stored on this device is deleted or reformatted using the standard methods, the data only appears to be removed on a superficial level, and it may be possible for someone to retrieve and reuse the data by means of special software.

To avoid unintended information leaks and other problems of this sort, it is recommended that the device be returned to Samsung's Customer Care Center for an Extended File System (EFS) Clear which will eliminate all user memory and return all settings to default settings. Please contact the **Samsung Customer Care Center** for details.

Important!: Please provide warranty information (proof of purchase) to Samsung's Customer Care Center in order to provide this service at no charge. If the warranty has expired on the device, charges may apply.

Customer Care Center:

1000 Klein Rd.

Plano, TX 75074

Toll Free Tel: 1.888.987.HELP (4357)

Samsung Telecommunications America, LLC:

1301 East Lookout Drive

Richardson, Texas 75082

Phone: 1-800-SAMSUNG (726-7864)

Important!: If you are using a handset other than a standard numeric keypad, dial the numbers listed in brackets.

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